



Safety Data Sheet

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Revision date: 27/06/2016 **Supersedes date:** Initial issue.
Transportation version number: 1.00 (27/06/2016)

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Meguiar's Supreme Car Care Kit

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet for each of these components is included. Please do not separate the component Safety Data Sheets from this cover page. The document numbers of the MSDSs for components of this product are:

27-6194-8, 31-6967-9, 29-6122-5, 28-7572-2, 31-9366-1, 28-7611-8, 27-4568-5, 27-7631-8

TRANSPORTATION INFORMATION

ADR/IMDG/IATA: Please refer to kit components for transport information

KIT LABEL

2.1. Classification of the substance or mixture CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

Substance or Mixture Corrosive to Metals, Category 1 - Met. Corr. 1; H290
Serious Eye Damage/Eye Irritation, Category 1 - Eye Dam. 1; H318
Skin Corrosion/ Irritation, Category 1A - Skin Corr. 1A; H314
Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H336
Specific Target Organ Toxicity-Repeated Exposure, Category 2 - STOT RE 2; H373
Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

SIGNAL WORD

DANGER.

Symbols:

GHS05 (Corrosion) | GHS07 (Exclamation mark) | GHS08 (Health Hazard) |

Pictograms



HAZARD STATEMENTS:

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure:
nervous system |
H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

General:

P102 Keep out of reach of children.

Prevention:

P234 Keep only in original container.
P260E Do not breathe vapour or spray.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P310 Immediately call a POISON CENTRE or doctor/physician.

Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

EUH208 Contains Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Meguiar's Supreme Car Care Kit

Refer to Safety Data Sheet for component % unknown values (www.3M.com/msds).

Notes on labelling

Updated per Regulation (EC) No. 648/2004 on detergents. H304 is not required on the label due to the product's viscosity
Ingredients required per 648/2004: 5-15%: Anionic surfactants, <5%: Amphoteric surfactant, EDTA and salts thereof, non-ionic surfactant. Contains: Perfumes, Hexyl cinnamal, Mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1).

Nota N applied to CAS 64742-46-7. Nota P applied to CAS 64742-48-9.

Revision information:

No revision information



Safety Data Sheet

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| | | | |
|---------------------------------------|-------------------|-------------------------|------------|
| Document group: | 27-4568-5 | Version number: | 10.00 |
| Revision date: | 18/10/2019 | Supersedes date: | 08/05/2019 |
| Transportation version number: | 1.00 (31/03/2010) | | |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

G75, Endurance Tire Gel (16-141E): G7516

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable

Notes on labelling

H304 is not required on the label due to the product's viscosity

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EC No. | REACH Registration No. | % by Wt | Classification |
|--|------------|-----------|------------------------|---------|---------------------------------------|
| Siloxanes and silicones, di-Me | 63148-62-9 | | | 50 - 70 | Substance not classified as hazardous |
| White mineral oil (petroleum) | 8042-47-5 | 232-455-8 | 01-2119487078-27 | 10 - 30 | Asp. Tox. 1, H304 |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | | 926-141-6 | | 10 - 18 | Asp. Tox. 1, H304; EUH066 |

Note: Any entry in the EC# column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

No need for first aid is anticipated.

Skin contact

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye contact

No need for first aid is anticipated.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Extinguishing media**

In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-ProductsSubstanceCondition

G75, Endurance Tire Gel (16-141E): G7516

Formaldehyde
Carbon monoxide.
Carbon dioxide.

During combustion.
During combustion.
During combustion.

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid eye contact. Keep out of reach of children. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Keep container tightly closed. Protect from sunlight. Store away from heat. Store away from acids. Store away from oxidising agents.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

8.2. Exposure controls**8.2.1. Engineering controls**

No engineering controls required.

8.2.2. Personal protective equipment (PPE)**Eye/face protection**

None required.

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended:

| Material | Thickness (mm) | Breakthrough Time |
|------------------|-----------------------|--------------------------|
| Polymer laminate | No data available | No data available |

Applicable Norms/Standards

Use gloves tested to EN 374

Respiratory protection

None required.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance**

Physical state

Liquid.

Colour

Purple

Odor

Sweet Grape

Odour threshold

No data available.

pH

Not applicable.

Boiling point/boiling range

185 °C

Melting point

Not applicable.

Flammability (solid, gas)

Not applicable.

Explosive properties

Not classified

Oxidising properties

Not classified

Flash point

> 93.3 °C [*Test Method*:Pensky-Martens Closed Cup]

Autoignition temperature

No data available.

Flammable Limits(LEL)

No data available.

Flammable Limits(UEL)

No data available.

Vapour pressure

No data available.

Relative density

0.926 [*Ref Std*:WATER=1]

Water solubility

No data available.

Solubility- non-water

No data available.

Partition coefficient: n-octanol/water

No data available.

Evaporation rate

No data available.

| | |
|---------------------------|-------------------------|
| Vapour density | > 1 [Ref Std: AIR=1] |
| Decomposition temperature | No data available. |
| Viscosity | 500 - 850 mPa-s |
| Density | 0.926 g/cm ³ |

9.2. Other information

| | |
|-------------------------------|--------------------|
| EU Volatile Organic Compounds | No data available. |
| Molecular weight | No data available. |

SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Strong oxidising agents.
Strong acids.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

No known health effects.

Skin contact

Dermal Defatting: Signs/symptoms may include localised redness, itching, drying and cracking of skin.

Eye contact

G75, Endurance Tire Gel (16-141E): G7516

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|--|-------------------|------------------------|--|
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Siloxanes and silicones, di-Me | Dermal | Rabbit | LD50 > 19,400 mg/kg |
| Siloxanes and silicones, di-Me | Ingestion | Rat | LD50 > 17,000 mg/kg |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Inhalation-Vapour | Professional judgement | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| White mineral oil (petroleum) | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| White mineral oil (petroleum) | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|---------|---------------------------|
| Siloxanes and silicones, di-Me | Rabbit | No significant irritation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Rabbit | Minimal irritation |
| White mineral oil (petroleum) | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|---------|---------------------------|
| Siloxanes and silicones, di-Me | Rabbit | No significant irritation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Rabbit | Mild irritant |
| White mineral oil (petroleum) | Rabbit | Mild irritant |

Skin Sensitisation

| Name | Species | Value |
|--|------------|----------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Guinea pig | Not classified |
| White mineral oil (petroleum) | Guinea pig | Not classified |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|--|----------|---------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | In vivo | Not mutagenic |
| White mineral oil (petroleum) | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|------|-------|---------|-------|
|------|-------|---------|-------|

G75, Endurance Tire Gel (16-141E): G7516

| | | | |
|--|----------------|-------------------------|------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| White mineral oil (petroleum) | Dermal | Mouse | Not carcinogenic |
| White mineral oil (petroleum) | Inhalation | Multiple animal species | Not carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|--|----------------|--|---------|-----------------------|-------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for female reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for male reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for development | Rat | NOAEL Not available | 1 generation |
| White mineral oil (petroleum) | Ingestion | Not classified for female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil (petroleum) | Ingestion | Not classified for male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil (petroleum) | Ingestion | Not classified for development | Rat | NOAEL 4,350 mg/kg/day | during gestation |

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

For the component/components, either no data is currently available or the data is not sufficient for classification.

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|-------------------------------|-----------|-----------------------|----------------|---------|-----------------------|-------------------|
| White mineral oil (petroleum) | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,381 mg/kg/day | 90 days |
| White mineral oil (petroleum) | Ingestion | liver immune system | Not classified | Rat | NOAEL 1,336 mg/kg/day | 90 days |

Aspiration Hazard

| Name | Value |
|--|-------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Aspiration hazard |
| White mineral oil (petroleum) | Aspiration hazard |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

G75, Endurance Tire Gel (16-141E): G7516

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|--|------------|---------------|---|----------|---------------------|-------------|
| Siloxanes and silicones, di-Me | 63148-62-9 | | Data not available or insufficient for classification | | | |
| White mineral oil (petroleum) | 8042-47-5 | Water flea | Estimated | 48 hours | Effect Level 50% | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Bluegill | Experimental | 96 hours | Lethal Level 50% | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Green algae | Estimated | 72 hours | No obs Effect Level | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Water flea | Estimated | 21 days | No obs Effect Level | >100 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Green Algae | Experimental | 72 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Rainbow trout | Experimental | 96 hours | Lethal Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Water flea | Experimental | 48 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Green Algae | Experimental | 72 hours | No obs Effect Level | 1,000 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|------------------------------------|----------|---------------|----------------|-------------------------------------|
| Siloxanes and silicones, di-Me | 63148-62-9 | Data not available or insufficient | | | N/A | |
| White mineral oil (petroleum) | 8042-47-5 | Experimental Biodegradation | 28 days | CO2 evolution | 0 % weight | OECD 301B - Modified sturm or CO2 |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Experimental Biodegradation | 28 days | BOD | 69 % BOD/ThBOD | OECD 301F - Manometric respirometry |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|---|----------|------------|-------------|----------|
| Siloxanes and silicones, di-Me | 63148-62-9 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| White mineral oil (petroleum) | 8042-47-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

120113 Welding wastes

SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

List of relevant H statements

EUH066 Repeated exposure may cause skin dryness or cracking.
H304 May be fatal if swallowed and enters airways.

Revision information:

Section 2: H phrase reference information was deleted.
Label: CLP Classification information was deleted.
Label: CLP Classification information was modified.
Label: CLP Environmental Hazard Statements information was deleted.
Label: CLP Precautionary - Disposal information was deleted.
Label: CLP Precautionary - General information was deleted.
Label: CLP Precautionary - Response information was deleted.
Label: Graphic information was deleted.
Label: Signal Word information was deleted.

Section 3: Composition/ Information of ingredients table information was modified.
Section 4: First aid for inhalation information information was modified.
Section 6: Accidental release personal information information was modified.
Section 7: Precautions safe handling information information was modified.
Section 8: Appropriate Engineering controls information information was modified.
Section 8: glove data value information was deleted.
Section 8: glove data value information was modified.
Section 8: Personal Protection - Respiratory Information information was deleted.
Section 8: Respiratory protection - recommended respirators guide information was deleted.
Section 8: Respiratory protection - recommended respirators information information was deleted.
Section 8: Respiratory protection information information was added.
Section 09: Color information was added.
Section 09: Odor information was added.
Sections 3 and 9: Odour, colour, grade information information was deleted.
Section 11: Acute Toxicity table information was modified.
Section 11: Aspiration Hazard Table information was modified.
Section 11: Carcinogenicity Table information was modified.
Section 11: Germ Cell Mutagenicity Table information was modified.
Section 11: Health Effects - Inhalation information information was modified.
Section 11: Health Effects - Skin information information was modified.
Section 11: Reproductive Toxicity Table information was modified.
Section 11: Serious Eye Damage/Irritation Table information was modified.
Section 11: Skin Corrosion/Irritation Table information was modified.
Section 11: Skin Sensitization Table information was modified.
Section 11: Specific Target Organ Toxicity - single exposure text information was added.
Section 11: Target Organs - Single Table information was deleted.
Section 12: Component ecotoxicity information information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12: Biocumulative potential information information was modified.
Section 13: EU waste code (product as sold) information information was modified.
Section 15: Regulations - Inventories information was deleted.
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material.
information was modified.
Section 16: UK disclaimer information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

Meguiar's, Inc. United Kingdom SDSs are available at www.meguiars.co.uk



Safety Data Sheet

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| | | | |
|---------------------------------------|-------------------|-------------------------|------------|
| Document group: | 31-9366-1 | Version number: | 4.01 |
| Revision date: | 04/07/2017 | Supersedes date: | 10/04/2017 |
| Transportation version number: | 1.00 (21/04/2015) | | |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

G177, Ultimate Wash-N-Wax (24-137F): G17748

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable

SUPPLEMENTAL INFORMATION

Supplemental Hazard Statements:

G177, Ultimate Wash-N-Wax (24-137F): G17748

EUH208

Contains Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Information required per Regulation (EU) No 528/2012 on Biocidal Products:

Contains a biocidal product: Contains C(M)IT/MIT (3:1). May produce an allergic reaction.

Notes on labelling

Updated per Regulation (EC) No. 648/2004 on detergents.

Ingredients required per 648/2004: 5-15%: Anionic surfactant. <5%: Amphoteric surfactant. Contains: Perfumes, Benzyl alcohol, Linalool, Mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1).

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EC No. | REACH Registration No. | % by Wt | Classification |
|---|--------------|-----------|------------------------|-----------|--|
| Non-Hazardous Ingredients | Trade Secret | | | 70 - 90 | Substance not classified as hazardous |
| Anionic Surfactant | Trade Secret | | | 5 - 10 | Substance not classified as hazardous |
| Amphoteric Surfactant | Trade Secret | | | 1 - 5 | Substance not classified as hazardous |
| Sodium Chloride | 7647-14-5 | 231-598-3 | | 0.5 - 1.5 | Substance not classified as hazardous |
| Benzyl benzoate | 120-51-4 | 204-402-9 | | < 0.15 | Acute Tox. 4, H302; Aquatic Chronic 2, H411 |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | 214-946-9 | | <= 0.1 | Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | | | < 0.0015 | Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; Skin Corr. 1B, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 |

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Remove person to fresh air. If you feel unwell, get medical attention.

Skin contact

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

| <u>Substance</u> | <u>Condition</u> |
|----------------------------|--------------------|
| Carbon monoxide. | During combustion. |
| Carbon dioxide. | During combustion. |
| Irritant vapours or gases. | During combustion. |

5.3. Advice for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid eye contact. Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

7.2. Conditions for safe storage including any incompatibilities

Store away from heat.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Indirect vented goggles.

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended:

| Material | Thickness (mm) | Breakthrough Time |
|-----------------|-------------------|-------------------|
| Nitrile rubber. | No data available | No data available |

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|---|--|
| Physical state | Liquid. |
| Appearance/Odour | Pleasantly fruity, sweet, clean smell; Bright yellow, viscous liquid |
| Odour threshold | <i>No data available.</i> |
| pH | 8.8 - 9.5 |
| Boiling point/boiling range | <i>No data available.</i> |
| Melting point | <i>Not applicable.</i> |
| Flammability (solid, gas) | Not applicable. |
| Explosive properties | Not classified |
| Oxidising properties | Not classified |
| Flash point | No flash point |
| Autoignition temperature | <i>Not applicable.</i> |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Vapour pressure | <i>No data available.</i> |
| Relative density | 1 [Ref Std: WATER=1] |
| Water solubility | Complete |
| Solubility- non-water | Complete |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Evaporation rate | <i>No data available.</i> |
| Vapour density | <i>No data available.</i> |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity | <i>No data available.</i> |
| Density | 1 g/cm ³ |

9.2. Other information

| | |
|--------------------------------------|---------------------------|
| EU Volatile Organic Compounds | <i>No data available.</i> |
| Molecular weight | <i>No data available.</i> |

SECTION 10: Stability and reactivity**10.1 Reactivity**

This material is considered to be non reactive under normal use conditions

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin contact

Mild Skin Irritation: Signs/symptoms may include localised redness, swelling, itching, and dryness.

Eye contact

Moderate eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|---|--------------------------------|---------|--|
| Overall product | Inhalation-Dust/Mist(4 hr) | | No data available; calculated ATE >12.5 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Sodium Chloride | Dermal | Rabbit | LD50 > 10,000 mg/kg |
| Sodium Chloride | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 10.5 mg/l |
| Sodium Chloride | Ingestion | Rat | LD50 3,550 mg/kg |
| Benzyl benzoate | Dermal | Rabbit | LD50 4,000 mg/kg |
| Benzyl benzoate | Ingestion | Rat | LD50 1,894 mg/kg |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Dermal | Rabbit | LD50 87 mg/kg |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.33 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Rat | LD50 40 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-----------------|---------|---------------------------|
| Sodium Chloride | Rabbit | No significant irritation |

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| | | |
|---|--------|-----------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Rabbit | Corrosive |
|---|--------|-----------|

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|---------|---------------|
| Sodium Chloride | Rabbit | Mild irritant |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|---|------------------|-------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Human and animal | Sensitising |

Photosensitisation

| Name | Species | Value |
|---|------------------|-----------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Human and animal | Not sensitising |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|---|----------|--|
| Sodium Chloride | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Sodium Chloride | In vivo | Some positive data exist, but the data are not sufficient for classification |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | In vivo | Not mutagenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|---|-----------|---------|------------------|
| Sodium Chloride | Ingestion | Rat | Not carcinogenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Dermal | Mouse | Not carcinogenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|---|-----------|--|---------|--------------------|----------------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|------------|------------------------|--|------------------------|---------------------|-------------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|-----------------|-----------|---|--|---------|-----------------------|-------------------|
| Sodium Chloride | Ingestion | blood kidney and/or bladder vascular system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 2,240 mg/kg/day | 9 months |
| Sodium Chloride | Ingestion | nervous system eyes | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 1,700 mg/kg/day | 90 days |
| Sodium Chloride | Ingestion | liver respiratory system | Not classified | Rat | NOAEL 33 mg/kg/day | 90 days |

Aspiration Hazard

For the component/components, either no data is currently available or the data is not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS Nbr | Organism | Type | Exposure | Test endpoint | Test result |
|--|-----------|-------------|--------------|----------|---------------|--------------|
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Bluegill | Experimental | 96 hours | LC50 | 1.36 mg/l |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Green Algae | Experimental | 72 hours | EC50 | >=0.854 mg/l |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Water flea | Experimental | 48 hours | EC50 | 0.282 mg/l |

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| | | | | | | |
|---|------------|----------------|--------------|----------|------|-------------|
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Fathead minnow | Experimental | 36 days | NOEC | 0.068 mg/l |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Green Algae | Experimental | 72 hours | NOEC | 0.201 mg/l |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Water flea | Experimental | 21 days | NOEC | 0.111 mg/l |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Ricefish | Experimental | 96 hours | LC50 | 0.95 mg/l |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Green Algae | Experimental | 72 hours | EC50 | >0.854 mg/l |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Water flea | Experimental | 48 hours | EC50 | 0.3 mg/l |
| Benzyl benzoate | 120-51-4 | Gammarid scud | Experimental | 96 hours | LC50 | 4.8 mg/l |
| Benzyl benzoate | 120-51-4 | Rainbow trout | Experimental | 96 hours | LC50 | 1.4 mg/l |
| Benzyl benzoate | 120-51-4 | Green Algae | Experimental | 72 hours | NOEC | 0.247 mg/l |
| Benzyl benzoate | 120-51-4 | Green Algae | Experimental | 72 hours | EC50 | 0.475 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Water flea | Experimental | 48 hours | EC50 | 0.18 mg/l |
| Mixture of 5-chloro-2-methyl-2H- | 55965-84-9 | Diatom | Experimental | 72 hours | EC50 | 0.021 mg/l |

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| | | | | | | |
|---|------------|-------------------------------|--------------|----------|------|------------|
| isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | | | | | | |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Diatom | Experimental | 72 hours | NOEC | 0.01 mg/l |
| Sodium Chloride | 7647-14-5 | Water flea | Experimental | 21 days | NOEC | 518 mg/l |
| Sodium Chloride | 7647-14-5 | Algae or other aquatic plants | Experimental | 96 hours | EC50 | 2,430 mg/l |
| Sodium Chloride | 7647-14-5 | Water flea | Experimental | 48 hours | EC50 | 736 mg/l |
| Sodium Chloride | 7647-14-5 | Fathead minnow | Experimental | 96 hours | LC50 | 7,650 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|--------------|---|----------|-------------------------------|-------------------|-------------------------------------|
| Non-Hazardous Ingredients | Trade Secret | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Benzyl benzoate | 120-51-4 | Experimental Biodegradation | 28 days | BOD | 94 % weight | OECD 301F - Manometric respirometry |
| Benzyl benzoate | 120-51-4 | Estimated Photolysis | | Photolytic half-life (in air) | 4.3 days (t 1/2) | Other methods |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Experimental Biodegradation | 28 days | CO2 evolution | 0 % weight | OECD 301B - Modified sturm or CO2 |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Experimental Photolysis | | Photolytic half-life (in air) | 1.12 days (t 1/2) | Other methods |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Sodium | 7647-14-5 | Data not | N/A | N/A | N/A | N/A |

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| | | | | | | |
|----------|--|--|--|--|--|--|
| Chloride | | available or insufficient for classification | | | | |
|----------|--|--|--|--|--|--|

12.3 : Bioaccumulative potential

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|--------------|---|----------|------------------------|-------------|--|
| Non-Hazardous Ingredients | Trade Secret | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Benzyl benzoate | 120-51-4 | Estimated Bioconcentration | | Bioaccumulation factor | 25 | Estimated: Bioconcentration factor |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Experimental BCF - Bluegill | 28 days | Bioaccumulation factor | 1584 | OECD 305E - Bioaccumulation flow-through fish test |
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran | 1222-05-5 | Experimental BCF - Bluegill | 28 days | Bioaccumulation factor | 1584 | OECD 305E - Bioaccumulation flow-through fish test |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Sodium Chloride | 7647-14-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

12.6. Other adverse effects

No information available.

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

20 01 30 Detergents other than those mentioned in 20 01 29.

SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global inventory status

Contact manufacturer for more information The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the chemical notification requirements of TSCA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

| | |
|------|---|
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H331 | Toxic if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |

Revision information:

Section 1: Product name information was modified.

Section 9: Property description for optional properties information was modified.

Section 11: Reproductive Toxicity Table information was modified.

Section 11: Target Organs - Repeated Table information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Meguiar's, Inc. United Kingdom MSDSs are available at www.meguiars.co.uk



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|---------------------------------------|-------------------|-------------------------|------------|
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| Revision date: | 29/10/2019 | Supersedes date: | 08/07/2019 |
| Transportation version number: | 1.00 (10/08/2011) | | |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

G192, Ultimate Polish (24-05B): G192

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

Skin Sensitization, Category 1A - Skin Sens. 1A; H317

For full text of H phrases, see Section 16.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

SIGNAL WORD

WARNING.

Symbols:

GHS07 (Exclamation mark) |

Pictograms**Ingredients:**

| Ingredient | CAS Nbr | EC No. | % by Wt |
|---|------------|-----------|----------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | 911-418-6 | < 0.0015 |

HAZARD STATEMENTS:

H317 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS**General:**

P102 Keep out of reach of children.

Prevention:

P280E Wear protective gloves.

Response:

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

Information required per Regulation (EU) No 528/2012 on Biocidal Products:

Contains a biocidal product (preservative): C(M)IT/MIT (3:1).

Notes on labelling

H304 is not required on the label due to the product's viscosity

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EC No. | REACH Registration No. | % by Wt | Classification |
|--|-----------|-----------|------------------------|---------|---------------------------------------|
| Non-Hazardous Ingredients | Mixture | | | 60 - 80 | Substance not classified as hazardous |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | | 926-141-6 | | 5 - 15 | Asp. Tox. 1, H304; EUH066 |
| White mineral oil (petroleum) | 8042-47-5 | 232-455-8 | 01-2119487078- | 5 - 10 | Asp. Tox. 1, H304 |

G192, Ultimate Polish (24-05B): G192

| | | | | | |
|---|------------|-----------|------------------|-----------|---|
| | | | 27 | | |
| Siloxanes and silicones, di-Me | 63148-62-9 | | | 1 - 5 | Substance not classified as hazardous |
| Glycerin | 56-81-5 | 200-289-5 | | 0.5 - 1.5 | Substance with a Community level exposure limit in the workplace |
| Triethanolamine | 102-71-6 | 203-049-8 | 01-2119486482-31 | 0.5 - 1.5 | Substance not classified as hazardous |
| PEG Stearate | 9004-99-3 | | | <= 0.5 | Aquatic Acute 1, H400,M=1; Aquatic Chronic 3, H412 |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | 911-418-6 | | < 0.0015 | EUH071; Acute Tox. 3, H301; Skin Corr. 1C, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=100; Aquatic Chronic 1, H410,M=100 - Nota B Acute Tox. 2, H330; Acute Tox. 2, H310 |

Note: Any entry in the EC# column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

No need for first aid is anticipated.

Skin contact

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye contact

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Extinguishing media**

In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture

G192, Ultimate Polish (24-05B): G192

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Hydrocarbons.
Carbon monoxide.
Carbon dioxide.

Condition

During combustion.
During combustion.
During combustion.

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid eye contact. Keep out of reach of children. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidising agents.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | CAS Nbr | Agency | Limit type | Additional comments |
|------------|---------|--------|------------|---------------------|
|------------|---------|--------|------------|---------------------|

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Glycerin 56-81-5 UK HSC TWA(as mist):10 mg/m3

UK HSC : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

Recommended monitoring procedures:Information on recommended monitoring procedures can be obtained from UK HSC

8.2. Exposure controls

8.2.1. Engineering controls

No engineering controls required.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

None required.

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended:

| Material | Thickness (mm) | Breakthrough Time |
|------------------|-------------------|-------------------|
| Polymer laminate | No data available | No data available |

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used:Nitrile rubber.

Applicable Norms/Standards

Use gloves tested to EN 374

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state

Liquid.

Colour

Pale Yellow, Soft White

Odor

Sweet Odor

Odour threshold

No data available.

pH

8

Boiling point/boiling range

>= 100 °C

Melting point

Not applicable.

Flammability (solid, gas)

Not applicable.

| | |
|---|--|
| Explosive properties | Not classified |
| Oxidising properties | Not classified |
| Flash point | >= 93.3 °C [Test Method:Pensky-Martens Closed Cup] |
| Autoignition temperature | No data available. |
| Flammable Limits(LEL) | No data available. |
| Flammable Limits(UEL) | No data available. |
| Vapour pressure | No data available. |
| Relative density | 1 [Ref Std:WATER=1] |
| Water solubility | Moderate |
| Solubility- non-water | No data available. |
| Partition coefficient: n-octanol/water | No data available. |
| Evaporation rate | No data available. |
| Vapour density | No data available. |
| Decomposition temperature | No data available. |
| Viscosity | 22,000 - 28,000 mPa-s |
| Density | 1 g/cm3 |

9.2. Other information

| | |
|--------------------------------------|---|
| EU Volatile Organic Compounds | 152 g/l [Details:(calculated per Directive 2004/42/EC)] |
| Molecular weight | No data available. |
| Percent volatile | 85 % weight [Test Method:Estimated] |

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non reactive under normal use conditions

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Sparks and/or flames.
Heat.

10.5 Incompatible materials

Strong acids.
Strong bases.
Strong oxidising agents.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from

3M assessments.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

No known health effects.

Skin contact

Dermal Defatting: Signs/symptoms may include localised redness, itching, drying and cracking of skin.

Eye contact

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|---|--------------------------------|------------------------|--|
| Overall product | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Inhalation-Vapour | Professional judgement | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| White mineral oil (petroleum) | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| White mineral oil (petroleum) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Siloxanes and silicones, di-Me | Dermal | Rabbit | LD50 > 19,400 mg/kg |
| Siloxanes and silicones, di-Me | Ingestion | Rat | LD50 > 17,000 mg/kg |
| Triethanolamine | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Triethanolamine | Ingestion | Rat | LD50 9,000 mg/kg |
| Glycerin | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Dermal | Rabbit | LD50 87 mg/kg |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.33 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Rat | LD50 40 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|---------|---------------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Rabbit | Minimal irritation |
| White mineral oil (petroleum) | Rabbit | No significant irritation |
| Siloxanes and silicones, di-Me | Rabbit | No significant irritation |
| Triethanolamine | Rabbit | Minimal irritation |

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| | | |
|---|--------|---------------------------|
| Glycerin | Rabbit | No significant irritation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Rabbit | Corrosive |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|---------|---------------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Rabbit | Mild irritant |
| White mineral oil (petroleum) | Rabbit | Mild irritant |
| Siloxanes and silicones, di-Me | Rabbit | No significant irritation |
| Triethanolamine | Rabbit | Mild irritant |
| Glycerin | Rabbit | No significant irritation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|---|------------------|----------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Guinea pig | Not classified |
| White mineral oil (petroleum) | Guinea pig | Not classified |
| Triethanolamine | Human | Not classified |
| Glycerin | Guinea pig | Not classified |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Human and animal | Sensitising |

Photosensitisation

| Name | Species | Value |
|---|------------------|-----------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Human and animal | Not sensitising |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|---|----------|--|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | In vivo | Not mutagenic |
| White mineral oil (petroleum) | In Vitro | Not mutagenic |
| Triethanolamine | In Vitro | Not mutagenic |
| Triethanolamine | In vivo | Not mutagenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | In vivo | Not mutagenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|--|----------------|-------------------------|------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| White mineral oil (petroleum) | Dermal | Mouse | Not carcinogenic |
| White mineral oil (petroleum) | Inhalation | Multiple animal species | Not carcinogenic |
| Triethanolamine | Dermal | Multiple animal species | Not carcinogenic |

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| | | | |
|---|-----------|-------|--|
| Triethanolamine | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Glycerin | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Dermal | Mouse | Not carcinogenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity
Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test result | Exposure Duration |
|---|----------------|--|---------|-----------------------|----------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for female reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for male reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for development | Rat | NOAEL Not available | 1 generation |
| White mineral oil (petroleum) | Ingestion | Not classified for female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil (petroleum) | Ingestion | Not classified for male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil (petroleum) | Ingestion | Not classified for development | Rat | NOAEL 4,350 mg/kg/day | during gestation |
| Triethanolamine | Ingestion | Not classified for development | Mouse | NOAEL 1,125 mg/kg/day | during organogenesis |
| Glycerin | Ingestion | Not classified for female reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not classified for male reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not classified for development | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |

Target Organ(s)
Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|------------|------------------------|--|------------------------|---------------------|-------------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|-------------------|-----------|-----------------|----------------|---------|-------------|-------------------|
| White mineral oil | Ingestion | hematopoietic | Not classified | Rat | NOAEL | 90 days |

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| | | | | | | |
|-------------------------------|------------|---|--|-------------------------|------------------------|----------|
| (petroleum) | | system | | | 1,381 mg/kg/day | |
| White mineral oil (petroleum) | Ingestion | liver immune system | Not classified | Rat | NOAEL 1,336 mg/kg/day | 90 days |
| Triethanolamine | Dermal | kidney and/or bladder | Not classified | Multiple animal species | NOAEL 2,000 mg/kg/day | 2 years |
| Triethanolamine | Dermal | liver | Not classified | Mouse | NOAEL 4,000 mg/kg/day | 13 weeks |
| Triethanolamine | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 1,000 mg/kg/day | 2 years |
| Triethanolamine | Ingestion | liver | Not classified | Guinea pig | NOAEL 1,600 mg/kg/day | 24 weeks |
| Glycerin | Inhalation | respiratory system heart liver kidney and/or bladder | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Ingestion | endocrine system hematopoietic system liver kidney and/or bladder | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |

Aspiration Hazard

| Name | Value |
|--|-------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Aspiration hazard |
| White mineral oil (petroleum) | Aspiration hazard |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|--|-----------|---------------|--------------|----------|---------------------|-------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Water flea | Experimental | 48 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Rainbow trout | Experimental | 96 hours | Lethal Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Green Algae | Experimental | 72 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Green Algae | Experimental | 72 hours | No obs Effect Level | 1,000 mg/l |

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| | | | | | | |
|---|------------|-------------------|---|----------|--------------------------|--------------|
| White mineral oil (petroleum) | 8042-47-5 | Water flea | Estimated | 48 hours | Effect Level 50% | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Bluegill | Experimental | 96 hours | Lethal Level 50% | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Green algae | Estimated | 72 hours | No obs Effect Level | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Water flea | Estimated | 21 days | No obs Effect Level | >100 mg/l |
| Siloxanes and silicones, di-Me | 63148-62-9 | | Data not available or insufficient for classification | | | |
| Glycerin | 56-81-5 | Rainbow trout | Experimental | 96 hours | LC50 | 54,000 mg/l |
| Glycerin | 56-81-5 | Water flea | Experimental | 48 hours | LC50 | 1,955 mg/l |
| Triethanolamine | 102-71-6 | Green algae | Experimental | 72 hours | EC50 | 512 mg/l |
| Triethanolamine | 102-71-6 | Water flea | Experimental | 48 hours | EC50 | 609.98 mg/l |
| Triethanolamine | 102-71-6 | Fathead minnow | Experimental | 96 hours | LC50 | 11,800 mg/l |
| Triethanolamine | 102-71-6 | Green Algae | Experimental | 72 hours | Effect Concentration 10% | 26 mg/l |
| Triethanolamine | 102-71-6 | Water flea | Experimental | 21 days | NOEC | 16 mg/l |
| PEG Stearate | 9004-99-3 | Zebra Fish | Estimated | 96 hours | LC50 | 0.65 mg/l |
| PEG Stearate | 9004-99-3 | Green algae | Estimated | 72 hours | EC50 | 0.64 mg/l |
| PEG Stearate | 9004-99-3 | Water flea | Estimated | 48 hours | EC50 | 0.72 mg/l |
| PEG Stearate | 9004-99-3 | Green algae | Estimated | 72 hours | NOEC | 0.25 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Sheepshead Minnow | Experimental | 96 hours | LC50 | 0.3 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Copepods | Experimental | 48 hours | EC50 | 0.007 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Water flea | Experimental | 48 hours | EC50 | 0.099 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Diatom | Experimental | 72 hours | EC50 | 0.0199 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Rainbow trout | Experimental | 96 hours | LC50 | 0.19 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Green Algae | Experimental | 72 hours | EC50 | 0.027 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Diatom | Experimental | 48 hours | NOEC | 0.00049 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Water flea | Experimental | 21 days | NOEC | 0.004 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Fathead minnow | Experimental | 36 days | No obs Effect Level | 0.02 mg/l |

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| | | | | | | |
|---|------------|-------------|--------------|----------|------|------------|
| 2H-isothiazol-3-one | | | | | | |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Green Algae | Experimental | 72 hours | NOEC | 0.004 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|------------|-----------------------------------|----------|--------------------------------|---|-------------------------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Experimental Biodegradation | 28 days | BOD | 69 % BOD/ThBOD | OECD 301F - Manometric respirometry |
| White mineral oil (petroleum) | 8042-47-5 | Experimental Biodegradation | 28 days | CO2 evolution | 0 % weight | OECD 301B - Modified sturm or CO2 |
| Siloxanes and silicones, di-Me | 63148-62-9 | Data not available - insufficient | | | N/A | |
| Glycerin | 56-81-5 | Experimental Biodegradation | 14 days | BOD | 63 % BOD/ThBOD | OECD 301C - MITI test (I) |
| Triethanolamine | 102-71-6 | Experimental Biodegradation | 19 days | Dissolv. Organic Carbon Deplet | 96 % weight | Other methods |
| PEG Stearate | 9004-99-3 | Estimated Biodegradation | 28 days | CO2 evolution | 85.3 % weight | OECD 301B - Modified sturm or CO2 |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Estimated Photolysis | | Photolytic half-life (in air) | 1.2 days (t 1/2) | Other methods |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Experimental Hydrolysis | | Hydrolytic half-life | > 60 days (t 1/2) | Other methods |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Estimated Biodegradation | 29 days | CO2 evolution | 62 % CO2 evolution/THC O2 evolution (does not pass 10-day window) | OECD 301B - Modified sturm or CO2 |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|---|------------|---|----------|------------------------|-------------|--|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| White mineral oil (petroleum) | 8042-47-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Siloxanes and silicones, di-Me | 63148-62-9 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Glycerin | 56-81-5 | Experimental Bioconcentration | | Log Kow | -1.76 | Other methods |
| Triethanolamine | 102-71-6 | Experimental BCF - Carp | 42 days | Bioaccumulation factor | <3.9 | Other methods |
| PEG Stearate | 9004-99-3 | Estimated Bioconcentration | | Bioaccumulation factor | 5.5 | Estimated: Bioconcentration factor |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Estimated BCF - Bluegill | 28 days | Bioaccumulation factor | 54 | OECD 305E - Bioaccumulation flow-through fish test |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

G192, Ultimate Polish (24-05B): G192

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

20 01 13* Solvents

SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Carcinogenicity

Ingredient

Triethanolamine

CAS Nbr

102-71-6

Classification

Gr. 3: Not classifiable

Regulation

International Agency
for Research on Cancer

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

List of relevant H statements

EUH066 Repeated exposure may cause skin dryness or cracking.
EUH071 Corrosive to the respiratory tract.
H301 Toxic if swallowed.

| | |
|------|---|
| H304 | May be fatal if swallowed and enters airways. |
| H310 | Fatal in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Revision information:

CLP: Ingredient table information was added.

Contains statement for sensitizers information was deleted.

Label: CLP Classification information was modified.

Label: CLP Environmental Hazard Statements information was deleted.

Label: CLP Precautionary - Prevention information was added.

Label: CLP Precautionary - Response information was modified.

List of sensitizers information was deleted.

Section 3: Composition/ Information of ingredients table information was modified.

Section 4: First aid for inhalation information information was modified.

Section 6: Accidental release personal information information was modified.

Section 7: Precautions safe handling information information was modified.

Section 8: Appropriate Engineering controls information information was modified.

Section 8: glove data value information was deleted.

Section 8: glove data value information was modified.

Section 8: Occupational exposure limit table information was modified.

Section 8: Personal Protection - Respiratory Information information was deleted.

Section 8: Respiratory protection - recommended respirators guide information was deleted.

Section 8: Respiratory protection - recommended respirators information information was deleted.

Section 8: Respiratory protection information information was added.

Section 08: Skin protection - incidental contact text information was added.

Section 08: Skin protection - incidental contact information was added.

Section 09: Color information was added.

Section 09: Odor information was added.

Sections 3 and 9: Odour, colour, grade information information was deleted.

Section 11: Acute Toxicity table information was modified.

Section 11: Aspiration Hazard Table information was modified.

Section 11: Carcinogenicity Table information was modified.

Section 11: Germ Cell Mutagenicity Table information was modified.

Section 11: Health Effects - Inhalation information information was modified.

Section 11: Health Effects - Skin information information was modified.

Section 11: Reproductive Toxicity Table information was modified.

Section 11: Serious Eye Damage/Irritation Table information was modified.

Section 11: Skin Corrosion/Irritation Table information was modified.

Section 11: Skin Sensitization Table information was modified.

Section 11: Target Organs - Repeated Table information was modified.

Section 11: Target Organs - Single Table information was modified.

Section 12: Component ecotoxicity information information was modified.

Section 12: Persistence and Degradability information information was modified.

Section 12: Biocumulative potential information information was modified.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was modified.

Section 16: UK disclaimer information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the

product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

Meguiar's, Inc. United Kingdom SDSs are available at www.meguiars.co.uk



Safety Data Sheet

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| | | | |
|---------------------------------------|-------------------|-------------------------|------------|
| Document group: | 28-7572-2 | Version number: | 7.00 |
| Revision date: | 30/10/2019 | Supersedes date: | 19/09/2019 |
| Transportation version number: | 1.00 (16/08/2011) | | |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

G182, Ultimate Liquid Wax (26-90A): G18216

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable

SUPPLEMENTAL INFORMATION:

Supplemental Hazard Statements:

G182, Ultimate Liquid Wax (26-90A): G18216

EUH208

Contains Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Information required per Regulation (EU) No 528/2012 on Biocidal Products:

Contains a biocidal product (preservative): C(M)IT/MIT (3:1).

Notes on labelling

H304 is not required on the label due to the product's viscosity

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EC No. | REACH Registration No. | % by Wt | Classification |
|---|------------|-----------|------------------------|----------|---|
| Non-Hazardous Ingredients | Mixture | | | 60 - 80 | Substance not classified as hazardous |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | | 920-901-0 | | 5 - 15 | Asp. Tox. 1, H304; EUH066 |
| Siloxanes and silicones, di-Me | 63148-62-9 | | | 3 - 7 | Substance not classified as hazardous |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | | 927-676-8 | | 1 - 5 | Asp. Tox. 1, H304; EUH066 |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | 911-418-6 | | < 0.0015 | EUH071; Acute Tox. 3, H301; Skin Corr. 1C, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=100; Aquatic Chronic 1, H410,M=100 - Nota B Acute Tox. 2, H330; Acute Tox. 2, H310 |

Note: Any entry in the EC# column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.
Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

No need for first aid is anticipated.

Skin contact

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye contact

No need for first aid is anticipated.

If swallowed

No need for first aid is anticipated.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

Substance

Formaldehyde
Carbon monoxide.
Carbon dioxide.
Irritant vapours or gases.

Condition

During combustion.
During combustion.
During combustion.
During combustion.

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid eye contact. Keep out of reach of children. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

Store away from acids. Store away from strong bases.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

8.2. Exposure controls

8.2.1. Engineering controls

No engineering controls required.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

None required.

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended:

| Material | Thickness (mm) | Breakthrough Time |
|------------------|-------------------|-------------------|
| Polymer laminate | No data available | No data available |

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile rubber.

Applicable Norms/Standards

Use gloves tested to EN 374

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Appearance | |
| Physical state | Liquid. |
| Colour | Pale Yellow, Soft White |
| Odor | Sweet Odor, Pleasant Odor |
| Odour threshold | <i>No data available.</i> |
| pH | 8.8 - 9.5 |
| Boiling point/boiling range | 100 °C |
| Melting point | <i>Not applicable.</i> |
| Flammability (solid, gas) | Not applicable. |
| Explosive properties | Not classified |
| Oxidising properties | Not classified |
| Flash point | ≥ 93.3 °C [<i>Test Method</i> :Pensky-Martens Closed Cup] |
| Autoignition temperature | <i>No data available.</i> |
| Flammable Limits(LEL) | <i>No data available.</i> |
| Flammable Limits(UEL) | <i>No data available.</i> |
| Vapour pressure | <i>No data available.</i> |
| Relative density | 0.9 - 1 [<i>Ref Std</i> :WATER=1] |
| Water solubility | Moderate |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Evaporation rate | <i>No data available.</i> |
| Vapour density | <i>No data available.</i> |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity | 10,000 mPa-s - 20,000 mPa-s |
| Density | 0.9 - 1 g/cm ³ |
| 9.2. Other information | |
| EU Volatile Organic Compounds | <i>No data available.</i> |
| Molecular weight | <i>No data available.</i> |
| Percent volatile | 93 % weight [<i>Test Method</i> :Estimated] |

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non reactive under normal use conditions

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

Strong acids.

Strong bases.

10.6 Hazardous decomposition products

Substance

None known.

Condition

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

No known health effects.

Skin contact

Prolonged or repeated exposure may cause:

Dermal Defatting: Signs/symptoms may include localised redness, itching, drying and cracking of skin.

Eye contact

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion

No known health effects.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|---|--------------------------------|------------------------|--|
| Overall product | Inhalation-Vapour(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Inhalation-Vapour | | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Siloxanes and silicones, di-Me | Dermal | Rabbit | LD50 > 19,400 mg/kg |
| Siloxanes and silicones, di-Me | Ingestion | Rat | LD50 > 17,000 mg/kg |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Inhalation-Vapour | | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Inhalation-Vapour | Professional judgement | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Dermal | Rabbit | LD50 87 mg/kg |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.33 mg/l |

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| | | | |
|---|-----------|-----|---------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Rat | LD50 40 mg/kg |
|---|-----------|-----|---------------|

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---|---------|---------------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Rabbit | Minimal irritation |
| Siloxanes and silicones, di-Me | Rabbit | No significant irritation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Rabbit | Minimal irritation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Rabbit | Corrosive |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|---------|---------------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Rabbit | Mild irritant |
| Siloxanes and silicones, di-Me | Rabbit | No significant irritation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Rabbit | Mild irritant |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|---|------------------|----------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Guinea pig | Not classified |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Guinea pig | Not classified |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Human and animal | Sensitising |

Photosensitisation

| Name | Species | Value |
|---|------------------|-----------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Human and animal | Not sensitising |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|---|----------|--|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | In vivo | Not mutagenic |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | In vivo | Not mutagenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | In vivo | Not mutagenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|--|----------------|---------------|------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl- | Dermal | Mouse | Not carcinogenic |

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| | | | |
|---|-----------|-----|------------------|
| 2H-isothiazol-3-one | | | |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|---|----------------|--|---------------|---------------------|----------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not classified for female reproduction | Not available | NOAEL NA | 1 generation |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not classified for male reproduction | Not available | NOAEL NA | 28 days |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not classified for development | Not available | NOAEL NA | during gestation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for female reproduction | Not available | NOAEL NA | 1 generation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for female reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for male reproduction | Not available | NOAEL NA | 28 days |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for male reproduction | Rat | NOAEL Not available | 28 days |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for development | Not available | NOAEL NA | during gestation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for development | Rat | NOAEL Not available | during gestation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|------------|------------------------|--|------------------------|---------------------|-------------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

For the component/components, either no data is currently available or the data is not sufficient for classification.

Aspiration Hazard

| Name | Value |
|---|-------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Aspiration hazard |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Aspiration hazard |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Aspiration hazard |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient

classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|---|------------|-----------------|---|----------|---------------------|--------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Green Algae | Estimated | 72 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Rainbow trout | Estimated | 96 hours | Lethal Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Water flea | Estimated | 48 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Green Algae | Estimated | 72 hours | No obs Effect Level | 1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Water flea | Experimental | 21 days | No obs Effect Level | 1 mg/l |
| Siloxanes and silicones, di-Me | 63148-62-9 | | Data not available or insufficient for classification | | | |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Crustacea other | Estimated | 96 hours | Lethal Level 50% | >10,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Green Algae | Estimated | 72 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Green Algae | Estimated | 72 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Green Algae | Estimated | 72 hours | No obs Effect Level | 1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Rainbow trout | Estimated | 96 hours | Lethal Level 50% | >1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Water flea | Estimated | 48 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Rainbow trout | Experimental | 96 hours | Lethal Level 50% | >88,444 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Water flea | Experimental | 48 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Green Algae | Estimated | 72 hours | No obs Effect Level | 1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Water flea | Experimental | 21 days | No obs Effect Level | 1 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Water flea | Experimental | 21 days | No obs Effect Level | 1 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Copepods | Experimental | 48 hours | EC50 | 0.007 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol- | 55965-84-9 | Diatom | Experimental | 72 hours | EC50 | 0.0199 mg/l |

G182, Ultimate Liquid Wax (26-90A): G18216

| | | | | | | |
|---|------------|-------------------|--------------|----------|---------------------|--------------|
| 3-one and 2-methyl-2H-isothiazol-3-one | | | | | | |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Green Algae | Experimental | 72 hours | EC50 | 0.027 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Rainbow trout | Experimental | 96 hours | LC50 | 0.19 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Sheepshead Minnow | Experimental | 96 hours | LC50 | 0.3 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Water flea | Experimental | 48 hours | EC50 | 0.099 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Diatom | Experimental | 48 hours | NOEC | 0.00049 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Fathead minnow | Experimental | 36 days | No obs Effect Level | 0.02 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Green Algae | Experimental | 72 hours | NOEC | 0.004 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Water flea | Experimental | 21 days | NOEC | 0.004 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|------------|-----------------------------------|----------|-------------------------------|---|-------------------------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Estimated Biodegradation | 28 days | BOD | 31.3 % BOD/ThBOD | OECD 301F - Manometric respirometry |
| Siloxanes and silicones, di-Me | 63148-62-9 | Data not available - insufficient | | | N/A | |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Estimated Biodegradation | 28 days | BOD | 31.3 % BOD/ThBOD | OECD 301F - Manometric respirometry |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Experimental Biodegradation | 28 days | BOD | 22 % BOD/ThBOD | OECD 301F - Manometric respirometry |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Estimated Photolysis | | Photolytic half-life (in air) | 1.2 days (t 1/2) | Other methods |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Experimental Hydrolysis | | Hydrolytic half-life | > 60 days (t 1/2) | Other methods |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Estimated Biodegradation | 29 days | CO2 evolution | 62 % CO2 evolution/THC O2 evolution (does not pass 10-day window) | OECD 301B - Modified sturm or CO2 |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|----------|---------|-----------|----------|------------|-------------|----------|
|----------|---------|-----------|----------|------------|-------------|----------|

G182, Ultimate Liquid Wax (26-90A): G18216

| | | | | | | |
|---|------------|---|---------|------------------------|-----|--|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Siloxanes and silicones, di-Me | 63148-62-9 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Estimated BCF - Bluegill | 28 days | Bioaccumulation factor | 54 | OECD 305E - Bioaccumulation flow-through fish test |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

20 01 13* Solvents

SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

List of relevant H statements

| | |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| EUH071 | Corrosive to the respiratory tract. |
| H301 | Toxic if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H310 | Fatal in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Revision information:

Section 12: Component ecotoxicity information information was modified.

Section 16: UK disclaimer information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

Meguiar's, Inc. United Kingdom SDSs are available at www.meguiars.co.uk



Safety Data Sheet

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| | | | |
|---------------------------------------|-------------------|-------------------------|------------|
| Document group: | 31-6967-9 | Version number: | 5.01 |
| Revision date: | 28/02/2020 | Supersedes date: | 15/10/2019 |
| Transportation version number: | 1.00 (30/01/2015) | | |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Quik Interior Detailer™ G136: [G13600, G13616, G13624, G13624SP]

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

Skin Sensitization, Category 1A - Skin Sens. 1A; H317

For full text of H phrases, see Section 16.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

SIGNAL WORD

WARNING.

Symbols:

GHS07 (Exclamation mark) |

Pictograms



Ingredients:

| Ingredient | CAS Nbr | EC No. | % by Wt |
|---|------------|-----------|---------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | 911-418-6 | < 0.002 |

HAZARD STATEMENTS:

H317 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS

General:

P102 Keep out of reach of children.

Prevention:

P280E Wear protective gloves.

Response:

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

Information required per Regulation (EU) No 528/2012 on Biocidal Products:

Contains a biocidal product (preservative): C(M)IT/MIT (3:1).

Notes on labelling

Updated per Regulation (EC) No. 648/2004 on detergents.

Ingredients required per 648/2004: Contains: Perfumes, Hexyl cinnamal, Mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1).

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EC No. | REACH Registration No. | % by Wt | Classification |
|---------------------------|---------|--------|------------------------|---------|---------------------------------------|
| Non-Hazardous Ingredients | Mixture | | | 100 | Substance not classified as hazardous |

Quik Interior Detailer™ G136: [G13600, G13616, G13624, G13624SP]

| | | | | | |
|---|------------|-----------|--|---------|---|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | 911-418-6 | | < 0.002 | EUH071; Acute Tox. 3, H301; Skin Corr. 1C, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400, M=100; Aquatic Chronic 1, H410, M=100 - Nota B Acute Tox. 2, H330; Acute Tox. 2, H310 |
|---|------------|-----------|--|---------|---|

Note: Any entry in the EC# column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.
Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

No need for first aid is anticipated.

Skin contact

No need for first aid is anticipated.

Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If swallowed

No need for first aid is anticipated.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Extinguishing media**

Material will not burn.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products**Substance**

Carbon monoxide
Carbon dioxide.
Irritant vapours or gases.

Condition

During combustion.
During combustion.
During combustion.

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and

prevent explosive rupture.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Observe precautions from other sections.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Avoid release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Protect from sunlight. Store away from heat. Store away from acids. Store away from oxidising agents.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

8.2. Exposure controls

8.2.1. Engineering controls

No engineering controls required.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
Safety glasses with side shields.

Applicable Norms/Standards

Use eye protection conforming to EN 166

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state

Liquid.

Colour

Clear Colorless

Odor

Slight Floral

Odour threshold

No data available.

pH

4.45 - 7.2

Boiling point/boiling range

100 °C

Melting point

Not applicable.

Flammability (solid, gas)

Not applicable.

Explosive properties

Not classified

Oxidising properties

Not classified

Flash point

≥ 93.3 °C [Test Method:Pensky-Martens Closed Cup]

Autoignition temperature

Not applicable.

Flammable Limits(LEL)

Not applicable.

Flammable Limits(UEL)

Not applicable.

Vapour pressure

No data available.

Relative density

0.94 - 1.04 [Ref Std:WATER=1]

Water solubility

Complete

Solubility- non-water

No data available.

Partition coefficient: n-octanol/water

No data available.

Evaporation rate

No data available.

Vapour density

No data available.

Decomposition temperature

No data available.

Viscosity

No data available.

Density

0.99 g/cm³

9.2. Other information

EU Volatile Organic Compounds

5 g/l

Molecular weight

No data available.

Percent volatile

99.7 % weight

SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Heat.

Light.

10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
|------------------|------------------|

| | |
|-------------|--|
| None known. | |
|-------------|--|

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

No known health effects.

Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

Eye contact

Sprayed material may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion

No known health effects.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|--|-----------|---------|--|
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. | Dermal | Rabbit | LD50 87 mg/kg |

Quik Interior Detailer™ G136: [G13600, G13616, G13624, G13624SP]

| | | | |
|--|--------------------------------|-----|----------------|
| 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | | | |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.33 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Rat | LD50 40 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|---------|-----------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Rabbit | Corrosive |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|---------|-----------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|--|------------------|-------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Human and animal | Sensitising |

Photosensitisation

| Name | Species | Value |
|--|------------------|-----------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Human and animal | Not sensitising |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|--|----------|--|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | In vivo | Not mutagenic |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|--|-----------|---------|------------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Dermal | Mouse | Not carcinogenic |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|------|-------|-------|---------|-------------|-------------------|
|------|-------|-------|---------|-------------|-------------------|

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| | | | | | |
|--|-----------|--|-----|--------------------|----------------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|--|------------|------------------------|--|------------------------|---------------------|-------------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

For the component/components, either no data is currently available or the data is not sufficient for classification.

Aspiration Hazard

For the component/components, either no data is currently available or the data is not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|--|------------|-------------|--------------|----------|---------------|-------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Copepods | Experimental | 48 hours | EC50 | 0.007 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Diatom | Experimental | 72 hours | EC50 | 0.0199 mg/l |
| reaction mass of: 5-chloro-2-methyl-4- | 55965-84-9 | Green Algae | Experimental | 72 hours | EC50 | 0.027 mg/l |

Quik Interior Detailer™ G136: [G13600, G13616, G13624, G13624SP]

| | | | | | | |
|--|------------|-------------------|--------------|----------|---------------------|--------------|
| isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | | | | | | |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Rainbow trout | Experimental | 96 hours | LC50 | 0.19 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Sheepshead Minnow | Experimental | 96 hours | LC50 | 0.3 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Water flea | Experimental | 48 hours | EC50 | 0.099 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Diatom | Experimental | 48 hours | NOEC | 0.00049 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Fathead minnow | Experimental | 36 days | No obs Effect Level | 0.02 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Green Algae | Experimental | 72 hours | NOEC | 0.004 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Water flea | Experimental | 21 days | NOEC | 0.004 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|-------------------------|----------|-------------------------------|-------------------|---------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Estimated Photolysis | | Photolytic half-life (in air) | 1.2 days (t 1/2) | Other methods |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3- | 55965-84-9 | Experimental Hydrolysis | | Hydrolytic half-life | > 60 days (t 1/2) | Other methods |

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| | | | | | | |
|---|------------|--------------------------|---------|---------------|--|-----------------------------------|
| one [EC no. 220-239-6] (3:1) | | | | | | |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Estimated Biodegradation | 29 days | CO2 evolution | 62 %CO2 evolution/THC O2 evolution (does not pass 10-day window) | OECD 301B - Modified sturm or CO2 |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|---|------------|--------------------------|----------|------------------------|-------------|--|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Estimated BCF - Bluegill | 28 days | Bioaccumulation factor | 54 | OECD 305E - Bioaccumulation flow-through fish test |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Other adverse effects

No information available.

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

20 01 29* Detergents containing dangerous substances

SECTION 14: Transportation information

ADR/IATA/IMDG: Not restricted for transport.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

List of relevant H statements

| | |
|--------|---|
| EUH071 | Corrosive to the respiratory tract. |
| H301 | Toxic if swallowed. |
| H310 | Fatal in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Revision information:

Section 1: Product name information was modified.
CLP: Ingredient table information was modified.
Section 3: Composition/ Information of ingredients table information was modified.
Section 5: Hazardous combustion products table information was modified.
Section 11: Acute Toxicity table information was modified.
Section 11: Carcinogenicity Table information was modified.
Section 11: Germ Cell Mutagenicity Table information was modified.
Section 11: Photosensitisation Table information was modified.
Section 11: Reproductive Toxicity Table information was modified.
Section 11: Serious Eye Damage/Irritation Table information was modified.
Section 11: Skin Corrosion/Irritation Table information was modified.
Section 11: Skin Sensitization Table information was modified.
Section 11: Target Organs - Single Table information was modified.
Section 12: Component ecotoxicity information information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12: Bioaccumulative potential information information was modified.
Section 16: UK disclaimer information was deleted.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

Meguiar's, Inc. United Kingdom SDSs are available at www.meguiars.co.uk



Safety Data Sheet

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| | | | |
|---------------------------------------|-------------------|-------------------------|------------|
| Document group: | 27-6194-8 | Version number: | 5.03 |
| Revision date: | 21/08/2018 | Supersedes date: | 13/10/2017 |
| Transportation version number: | 1.00 (07/06/2010) | | |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Meguiar's Ultimate Quik Wax, G175

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable

SUPPLEMENTAL INFORMATION

Supplemental Hazard Statements:

Meguiar's Ultimate Quik Wax, G175

EUH208

Contains Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Information required per Regulation (EU) No 528/2012 on Biocidal Products:

Contains a biocidal product: Contains C(M)IT/MIT (3:1). May produce an allergic reaction.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EC No. | REACH Registration No. | % by Wt | Classification |
|---|------------|--------|------------------------|---------|--|
| Non-Hazardous Ingredients | Mixture | | | <= 100 | Substance not classified as hazardous |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | | | < 0.001 | Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; Skin Corr. 1B, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 |

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

No need for first aid is anticipated.

Skin contact

No need for first aid is anticipated.

Eye contact

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

If swallowed

No need for first aid is anticipated.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Extinguishing media**

Material will not burn.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

5.3. Advice for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

8.2. Exposure controls

8.2.1. Engineering controls

No engineering controls required.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
Safety glasses with side shields.

Applicable Norms/Standards

Use eye protection conforming to EN 166

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | Liquid. |
| Appearance/Odour | Moderately sweet odour; Light milky liquid |
| Odour threshold | <i>No data available.</i> |
| pH | 6.85 - 7.35 |
| Boiling point/boiling range | 100 °C |
| Melting point | <i>Not applicable.</i> |
| Flammability (solid, gas) | Not applicable. |
| Explosive properties | Not classified |
| Oxidising properties | Not classified |
| Flash point | No flash point |
| Autoignition temperature | <i>Not applicable.</i> |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Relative density | 1 [Ref Std: WATER=1] |
| Water solubility | Complete |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Evaporation rate | <i>No data available.</i> |
| Vapour density | <i>No data available.</i> |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity | <i>No data available.</i> |
| Density | 1 g/ml [Details:approximately] |

9.2. Other information

| | |
|-------------------------------|---------------------------|
| EU Volatile Organic Compounds | <i>No data available.</i> |
| Molecular weight | <i>No data available.</i> |

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non reactive under normal use conditions

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Substance

None known.

Condition

Not specified.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

No known health effects.

Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

Eye contact

Sprayed material may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion

No known health effects.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|---|--------------------------------|---------|--|
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Dermal | Rabbit | LD50 87 mg/kg |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.33 mg/l |

Meguiar's Ultimate Quik Wax, G175

| | | | |
|---|-----------|-----|---------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Rat | LD50 40 mg/kg |
|---|-----------|-----|---------------|

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---|---------|-----------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Rabbit | Corrosive |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|---------|-----------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|---|------------------|-------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Human and animal | Sensitising |

Photosensitisation

| Name | Species | Value |
|---|------------------|-----------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Human and animal | Not sensitising |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|---|----------|--|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | In vivo | Not mutagenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|---|-----------|---------|------------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Dermal | Mouse | Not carcinogenic |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|---|-----------|--|---------|--------------------|----------------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |

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| | | | | | |
|------------------|--|--|--|--|--|
| isothiazol-3-one | | | | | |
|------------------|--|--|--|--|--|

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|------------|------------------------|--|------------------------|---------------------|-------------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

For the component/components, either no data is currently available or the data is not sufficient for classification.

Aspiration Hazard

For the component/components, either no data is currently available or the data is not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|---|------------|------------|--------------|----------|---------------|-------------|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Diatom | Experimental | 72 hours | EC50 | 0.021 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Water flea | Experimental | 48 hours | EC50 | 0.18 mg/l |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Diatom | Experimental | 72 hours | NOEC | 0.01 mg/l |

12.2. Persistence and degradability

| | | | | | | |
|---|------------|------------------------------------|--|--|-----|--|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Data not available or insufficient | | | N/A | |
|---|------------|------------------------------------|--|--|-----|--|

12.3 : Bioaccumulative potential

| | | | | | | |
|---|------------|---|-----|-----|-----|-----|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | 55965-84-9 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
|---|------------|---|-----|-----|-----|-----|

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

200199 Other fractions not otherwise specified

SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global inventory status

Contact manufacturer for more information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the chemical notification requirements of TSCA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

List of relevant H statements

| | |
|------|--|
| H301 | Toxic if swallowed. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |

| | |
|------|---|
| H317 | May cause an allergic skin reaction. |
| H331 | Toxic if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Revision information:

Section 12: Component ecotoxicity information information was modified.

Section 12: No PBT/vPvB information available warning information was modified.

Section 12: Persistence and Degradability information information was modified.

Section 13: 13.1. Waste disposal note information was modified.

Section 15: Chemical Safety Assessment information was modified.

Section 16: Web address information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Meguiar's, Inc. United Kingdom SDSs are available at www.meguiars.co.uk



Safety Data Sheet

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| | | | |
|---------------------------------------|-------------------|-------------------------|------------|
| Document group: | 27-7631-8 | Version number: | 11.00 |
| Revision date: | 20/02/2020 | Supersedes date: | 28/10/2019 |
| Transportation version number: | 1.00 (18/08/2010) | | |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Ultimate Compound G172 [G17216 G17220 G172300]

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

Skin Sensitization, Category 1A - Skin Sens. 1A; H317

For full text of H phrases, see Section 16.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

SIGNAL WORD

WARNING.

Symbols:

GHS07 (Exclamation mark) |

Pictograms



Ingredients:

| Ingredient | CAS Nbr | EC No. | % by Wt |
|--|------------|-----------|-----------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | 911-418-6 | 0 - 0.005 |

HAZARD STATEMENTS:

H317 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS

General:

P102 Keep out of reach of children.

Prevention:

P280E Wear protective gloves.

Response:

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

Information required per Regulation (EU) No 528/2012 on Biocidal Products:

Contains a biocidal product (preservative): C(M)IT/MIT (3:1).

Notes on labelling

H304 is not required on the label due to the product's viscosity

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EC No. | REACH Registration No. | % by Wt | Classification |
|-------------------------------|-----------|-----------|------------------------|----------|--|
| Non-Hazardous Ingredients | Mixture | | | 60 - 100 | Substance not classified as hazardous |
| Aluminium Oxide (Non-Fibrous) | 1344-28-1 | 215-691-6 | 01-2119529248- | 5 - 15 | Substance with a Community level exposure limit in the |

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| | | | | | |
|--|------------|-----------|------------------|-----------|---|
| | | | 35 | | workplace |
| White mineral oil (petroleum) | 8042-47-5 | 232-455-8 | 01-2119487078-27 | 7 - 13 | Asp. Tox. 1, H304 |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | | 926-141-6 | | 1 - 10 | Asp. Tox. 1, H304; EUH066 |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | | 920-901-0 | | 1 - 5 | Asp. Tox. 1, H304; EUH066 |
| Glycerin | 56-81-5 | 200-289-5 | | 0.1 - 1.5 | Substance with a Community level exposure limit in the workplace |
| PEG Stearate | 9004-99-3 | | | 0 - 0.2 | Aquatic Acute 1, H400,M=1; Aquatic Chronic 3, H412 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | 911-418-6 | | 0 - 0.005 | EUH071; Acute Tox. 3, H301; Skin Corr. 1C, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=100; Aquatic Chronic 1, H410,M=100 - Nota B Acute Tox. 2, H330; Acute Tox. 2, H310 |

Note: Any entry in the EC# column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Remove person to fresh air. If you feel unwell, get medical attention.

Skin contact

No need for first aid is anticipated.

Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Extinguishing media**

In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

| <u>Substance</u> | <u>Condition</u> |
|----------------------------|--------------------|
| Carbon monoxide | During combustion. |
| Carbon dioxide. | During combustion. |
| Irritant vapours or gases. | During combustion. |

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidising agents.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | CAS Nbr | Agency | Limit type | Additional comments |
|-------------------------------|-----------|--------|--|---------------------|
| Aluminium Oxide (Non-Fibrous) | 1344-28-1 | UK HSC | TWA(as inhalable dust):10 mg/m ³ ;TWA(as respirable dust):4 mg/m ³ | |
| Glycerin | 56-81-5 | UK HSC | TWA(as mist):10 mg/m ³ | |

UK HSC : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

Recommended monitoring procedures:Information on recommended monitoring procedures can be obtained from UK HSC

8.2. Exposure controls

In addition, refer to the annex for more information.

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
Safety glasses with side shields.

Applicable Norms/Standards

Use eye protection conforming to EN 166

Skin/hand protection

No protective gloves required.

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

Applicable Norms/Standards

Use a respirator conforming to EN 140 or EN 136: filter types A & P

8.2.3. Environmental exposure controls

Refer to Annex

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Appearance | |
| Physical state | Liquid. |
| Colour | White |
| Odor | Sweet Hydrocarbon |
| Odour threshold | <i>No data available.</i> |
| pH | 8 |
| Boiling point/boiling range | 193.3 °C |
| Melting point | <i>No data available.</i> |
| Flammability (solid, gas) | Not applicable. |
| Explosive properties | Not classified |
| Oxidising properties | Not classified |
| Flash point | > 93.3 °C [<i>Test Method: Closed Cup</i>] |
| Autoignition temperature | <i>No data available.</i> |
| Flammable Limits(LEL) | <i>No data available.</i> |
| Flammable Limits(UEL) | <i>No data available.</i> |
| Relative density | 1.18 [<i>Ref Std: WATER=1</i>] |
| Water solubility | Moderate |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Evaporation rate | <i>No data available.</i> |
| Vapour density | <i>No data available.</i> |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity | 22,000 - 40,000 mPa-s |
| Density | 1.18 g/ml |

9.2. Other information

EU Volatile Organic Compounds *No data available.*

SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

Strong bases.

10.6 Hazardous decomposition products

Substance

None known.

Condition

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

Eye contact

Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|--|--------------------------------|------------------------|--|
| Overall product | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Inhalation-Vapour(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Aluminium Oxide (Non-Fibrous) | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Aluminium Oxide (Non-Fibrous) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 2.3 mg/l |
| Aluminium Oxide (Non-Fibrous) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| White mineral oil (petroleum) | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| White mineral oil (petroleum) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Inhalation-Vapour | Professional judgement | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |

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| | | | |
|--|--------------------------------|--------|------------------------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Inhalation-Vapour | | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Glycerin | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Ingestion | Rat | LD50 > 5,000 mg/kg |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Dermal | Rabbit | LD50 87 mg/kg |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.33 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Rat | LD50 40 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|---------------|---------------------------|
| Overall product | In vitro data | No significant irritation |
| Aluminium Oxide (Non-Fibrous) | Rabbit | No significant irritation |
| White mineral oil (petroleum) | Rabbit | No significant irritation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Rabbit | Minimal irritation |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Rabbit | Minimal irritation |
| Glycerin | Rabbit | No significant irritation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Rabbit | Corrosive |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|---------|---------------------------|
| Aluminium Oxide (Non-Fibrous) | Rabbit | No significant irritation |
| White mineral oil (petroleum) | Rabbit | Mild irritant |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Rabbit | Mild irritant |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Rabbit | Mild irritant |
| Glycerin | Rabbit | No significant irritation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|--|------------------|----------------|
| White mineral oil (petroleum) | Guinea pig | Not classified |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Guinea pig | Not classified |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Guinea pig | Not classified |
| Glycerin | Guinea pig | Not classified |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Human and animal | Sensitising |

Photosensitisation

| Name | Species | Value |
|--|------------------|-----------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Human and animal | Not sensitising |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|--|----------|--|
| Aluminium Oxide (Non-Fibrous) | In Vitro | Not mutagenic |
| White mineral oil (petroleum) | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | In vivo | Not mutagenic |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | In vivo | Not mutagenic |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | In vivo | Not mutagenic |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|--|----------------|-------------------------|--|
| Aluminium Oxide (Non-Fibrous) | Inhalation | Rat | Not carcinogenic |
| White mineral oil (petroleum) | Dermal | Mouse | Not carcinogenic |
| White mineral oil (petroleum) | Inhalation | Multiple animal species | Not carcinogenic |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| Glycerin | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Dermal | Mouse | Not carcinogenic |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test result | Exposure Duration |
|--|----------------|--|---------------|-----------------------|-------------------|
| White mineral oil (petroleum) | Ingestion | Not classified for female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil (petroleum) | Ingestion | Not classified for male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil (petroleum) | Ingestion | Not classified for development | Rat | NOAEL 4,350 mg/kg/day | during gestation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for female reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for male reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for development | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not classified for female reproduction | Not available | NOAEL NA | 1 generation |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not classified for male reproduction | Not available | NOAEL NA | 28 days |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not classified for development | Not available | NOAEL NA | during gestation |
| Glycerin | Ingestion | Not classified for female reproduction | Rat | NOAEL 2,000 | 2 generation |

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| | | | | mg/kg/day | |
|--|-----------|--|-----|-----------------------------|----------------------|
| Glycerin | Ingestion | Not classified for male reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not classified for development | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Not classified for male reproduction | Rat | NOAEL 10 mg/kg/day | 2 generation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Ingestion | Not classified for development | Rat | NOAEL 15 mg/kg/day | during organogenesis |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|--|------------|------------------------|--|------------------------|---------------------|-------------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|-------------------------------|------------|---|--|---------|------------------------------|-----------------------|
| Aluminium Oxide (Non-Fibrous) | Inhalation | pneumoconiosis | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | occupational exposure |
| Aluminium Oxide (Non-Fibrous) | Inhalation | pulmonary fibrosis | Not classified | Human | NOAEL Not available | occupational exposure |
| White mineral oil (petroleum) | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,381 mg/kg/day | 90 days |
| White mineral oil (petroleum) | Ingestion | liver immune system | Not classified | Rat | NOAEL 1,336 mg/kg/day | 90 days |
| Glycerin | Inhalation | respiratory system heart liver kidney and/or bladder | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Ingestion | endocrine system hematopoietic system liver kidney and/or bladder | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |

Aspiration Hazard

| Name | Value |
|--|-------------------|
| White mineral oil (petroleum) | Aspiration hazard |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | Aspiration hazard |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Aspiration hazard |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|--|-----------|---------------|--------------|----------|---------------------|-------------|
| Aluminium Oxide (Non-Fibrous) | 1344-28-1 | | Experimental | 96 hours | LC50 | >100 mg/l |
| Aluminium Oxide (Non-Fibrous) | 1344-28-1 | Green algae | Experimental | 72 hours | EC50 | >100 mg/l |
| Aluminium Oxide (Non-Fibrous) | 1344-28-1 | Water flea | Experimental | 48 hours | LC50 | >100 mg/l |
| Aluminium Oxide (Non-Fibrous) | 1344-28-1 | Green algae | Experimental | 72 hours | NOEC | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Water flea | Estimated | 48 hours | Effect Level 50% | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Bluegill | Experimental | 96 hours | Lethal Level 50% | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Green algae | Estimated | 72 hours | No obs Effect Level | >100 mg/l |
| White mineral oil (petroleum) | 8042-47-5 | Water flea | Estimated | 21 days | No obs Effect Level | >100 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Green Algae | Experimental | 72 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Rainbow trout | Experimental | 96 hours | Lethal Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Water flea | Experimental | 48 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Green Algae | Experimental | 72 hours | No obs Effect Level | 1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Green Algae | Estimated | 72 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Rainbow trout | Estimated | 96 hours | Lethal Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Water flea | Estimated | 48 hours | Effect Level 50% | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Green Algae | Estimated | 72 hours | No obs Effect Level | 1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Water flea | Experimental | 21 days | No obs Effect Level | 1 mg/l |
| Glycerin | 56-81-5 | Rainbow trout | Experimental | 96 hours | LC50 | 54,000 mg/l |
| Glycerin | 56-81-5 | Water flea | Experimental | 48 hours | LC50 | 1,955 mg/l |
| PEG Stearate | 9004-99-3 | Green algae | Estimated | 72 hours | EC50 | 0.64 mg/l |

Ultimate Compound G172 [G17216 G17220 G172300]

| | | | | | | |
|--|------------|-------------------|--------------|----------|---------------------|--------------|
| PEG Stearate | 9004-99-3 | Water flea | Estimated | 48 hours | EC50 | 0.72 mg/l |
| PEG Stearate | 9004-99-3 | Zebra Fish | Estimated | 96 hours | LC50 | 0.65 mg/l |
| PEG Stearate | 9004-99-3 | Green algae | Estimated | 72 hours | NOEC | 0.25 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Copepods | Experimental | 48 hours | EC50 | 0.007 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Diatom | Experimental | 72 hours | EC50 | 0.0199 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Green Algae | Experimental | 72 hours | EC50 | 0.027 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Rainbow trout | Experimental | 96 hours | LC50 | 0.19 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Sheepshead Minnow | Experimental | 96 hours | LC50 | 0.3 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Water flea | Experimental | 48 hours | EC50 | 0.099 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Diatom | Experimental | 48 hours | NOEC | 0.00049 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Fathead minnow | Experimental | 36 days | No obs Effect Level | 0.02 mg/l |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Green Algae | Experimental | 72 hours | NOEC | 0.004 mg/l |

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| | | | | | | |
|--|------------|------------|--------------|---------|------|------------|
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Water flea | Experimental | 21 days | NOEC | 0.004 mg/l |
|--|------------|------------|--------------|---------|------|------------|

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|------------------------------------|----------|-------------------------------|--|-------------------------------------|
| Aluminium Oxide (Non-Fibrous) | 1344-28-1 | Data not available or insufficient | | | N/A | |
| White mineral oil (petroleum) | 8042-47-5 | Experimental Biodegradation | 28 days | CO2 evolution | 0 % weight | OECD 301B - Modified sturm or CO2 |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Experimental Biodegradation | 28 days | BOD | 69 % BOD/ThBOD | OECD 301F - Manometric respirometry |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Estimated Biodegradation | 28 days | BOD | 31.3 % BOD/ThBOD | OECD 301F - Manometric respirometry |
| Glycerin | 56-81-5 | Experimental Biodegradation | 14 days | BOD | 63 % BOD/ThBOD | OECD 301C - MITI test (I) |
| PEG Stearate | 9004-99-3 | Estimated Biodegradation | 28 days | CO2 evolution | 85.3 % weight | OECD 301B - Modified sturm or CO2 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Estimated Photolysis | | Photolytic half-life (in air) | 1.2 days (t 1/2) | Other methods |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Experimental Hydrolysis | | Hydrolytic half-life | > 60 days (t 1/2) | Other methods |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Estimated Biodegradation | 29 days | CO2 evolution | 62 %CO2 evolution/THC O2 evolution (does not pass 10-day window) | OECD 301B - Modified sturm or CO2 |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|---|----------|------------------------|-------------|--|
| Aluminium Oxide (Non-Fibrous) | 1344-28-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| White mineral oil (petroleum) | 8042-47-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Glycerin | 56-81-5 | Experimental Bioconcentration | | Log Kow | -1.76 | Other methods |
| PEG Stearate | 9004-99-3 | Estimated Bioconcentration | | Bioaccumulation factor | 5.5 | Estimated: Bioconcentration factor |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3- | 55965-84-9 | Estimated BCF - Bluegill | 28 days | Bioaccumulation factor | 54 | OECD 305E - Bioaccumulation flow-through fish test |

| |
|---|
| Ultimate Compound G172 [G17216 G17220 G172300] |
|---|

| | | | | | | |
|---------------------------------|--|--|--|--|--|--|
| one [EC no. 220-239-6] (3:1) | | | | | | |
|---------------------------------|--|--|--|--|--|--|

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

20 01 27* Paint, inks, adhesives and resins containing dangerous substances

SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

List of relevant H statements

EUH066 Repeated exposure may cause skin dryness or cracking.

| | |
|--------|---|
| EUH071 | Corrosive to the respiratory tract. |
| H301 | Toxic if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H310 | Fatal in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Revision information:

Professional Use of Cleaner: Section 16: Annex information was deleted.
Section 1: Product name information was modified.
CLP: Ingredient table information was modified.
Section 3: Composition/ Information of ingredients table information was modified.
Section 5: Hazardous combustion products table information was modified.
Section 8: DNEL table row information was deleted.
Section 8: Occupational exposure limit table information was modified.
Section 11: Acute Toxicity table information was modified.
Section 11: Carcinogenicity Table information was modified.
Section 11: Germ Cell Mutagenicity Table information was modified.
Photosensitisation Table information was modified.
Section 11: Reproductive Toxicity Table information was modified.
Section 11: Serious Eye Damage/Irritation Table information was modified.
Section 11: Skin Corrosion/Irritation Table information was modified.
Section 11: Skin Sensitization Table information was modified.
Section 11: Target Organs - Repeated Table information was modified.
Section 11: Target Organs - Single Table information was modified.
Section 12: Component ecotoxicity information information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12: Biocumulative potential information information was modified.
Annex: Prediction of exposure statement information was deleted.
Section 16: UK disclaimer information was deleted.

Annex

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

Meguiar's, Inc. United Kingdom SDSs are available at www.meguiars.co.uk



Safety Data Sheet

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|---------------------------------------|-------------------|-------------------------|------------|
| Document group: | 29-6122-5 | Version number: | 4.02 |
| Revision date: | 15/11/2017 | Supersedes date: | 12/12/2016 |
| Transportation version number: | 1.00 (31/01/2012) | | |

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

G95, Hot Rims® All Wheel and Tyre Cleaner (24-57A): G9524

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

Address: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF
Telephone: +44 (0)870 241 6696
E Mail: info@meguiars.co.uk
Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

Substance or Mixture Corrosive to Metals, Category 1 - Met. Corr. 1; H290
Serious Eye Damage/Eye Irritation, Category 1 - Eye Dam. 1; H318
Skin Corrosion/ Irritation, Category 1A - Skin Corr. 1A; H314
Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

SIGNAL WORD

DANGER.

Symbols:

GHS05 (Corrosion) |

Pictograms



HAZARD STATEMENTS:

H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.
 H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

General:

P102 Keep out of reach of children.

Prevention:

P234 Keep only in original packaging.
 P260E Do not breathe vapour or spray.

Response:

P303 + P361 + P353A IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
 P310 Immediately call a POISON CENTRE or doctor/physician.

Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

2% of the mixture consists of components of unknown acute dermal toxicity.

Notes on labelling

Updated per Regulation (EC) No. 648/2004 on detergents.
 Ingredients required per 648/2004: <5%: Anionic surfactant, EDTA and salts thereof, non-ionic surfactant.
 Material is classified as skin corrosive per test data, eye corrosive from high pH.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EC No. | REACH Registration No. | % by Wt | Classification |
|---------------------------|---------|--------|------------------------|---------|---------------------------------------|
| Non-Hazardous Ingredients | Mixture | | | 75 - 95 | Substance not classified as hazardous |

G95, Hot Rims® All Wheel and Tyre Cleaner (24-57A): G9524

| | | | | | |
|-------------------------|------------|-----------|--|-----|--|
| Sodium Metasilicate | 6834-92-0 | 229-912-9 | | < 5 | Skin Corr. 1B, H314; STOT SE 3, H335 Met. Corr. 1, H290 |
| Sodium Olefin Sulfonate | 68439-57-6 | 270-407-8 | | < 5 | Acute Tox. 4, H302; Eye Dam. 1, H318; Aquatic Chronic 3, H412 |
| 2-Propoxyethanol | 2807-30-9 | 220-548-6 | | < 5 | Acute Tox. 4, H312; Eye Irrit. 2, H319 |
| Tetrasodium EDTA | 64-02-8 | 200-573-9 | | < 5 | Acute Tox. 4, H302; Eye Dam. 1, H318 |
| Decylamine Oxide | 2605-79-0 | 220-020-5 | | < 2 | Skin Irrit. 2, H315; Eye Dam. 1, H318 Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 |

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Remove person to fresh air. Get immediate medical attention.

Skin contact

Immediately flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

Eye contact

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

If swallowed

Rinse mouth. Do not induce vomiting. Get immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Extinguishing media**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

Substance

Condition

Carbon monoxide.
Carbon dioxide.

During combustion.
During combustion.

5.3. Advice for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. For large spills, if necessary, get assistance from professional spill clean up team. For small spills, carefully neutralise spill by adding appropriate dilute acid such as vinegar. Work slowly to avoid boiling or spattering. Continue to add neutralising agent until reaction stops. Let cool before collecting. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Absorb spillage to prevent material damage. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a metal container approved for use in transportation by appropriate authorities. The container must be lined with polyethylene plastic or contain a plastic drum liner made of polyethylene. Clean up residue with water. Cover, but do not seal for 48 hours. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Keep away from reactive metals (eg. Aluminium, zinc etc.) to avoid the formation of hydrogen gas that could create an explosion hazard.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Store away from heat. Keep only in original container. Store in a corrosive resistant container with a resistant inner liner. Store away from acids. Store away from oxidising agents.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Full face shield.

Indirect vented goggles.

Applicable Norms/Standards

Use eye/face protection conforming to EN 166

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended:

| Material | Thickness (mm) | Breakthrough Time |
|------------------|-------------------|-------------------|
| Polymer laminate | No data available | No data available |

Applicable Norms/Standards

Use gloves tested to EN 374

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Nitrile boots.

Apron - polymer laminate

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

Applicable Norms/Standards

Use a respirator conforming to EN 140 or EN 136: filter types A & P

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--------------------------------|
| Physical state | Liquid. |
| Appearance/Odour | Mild odour; Clear |
| Odour threshold | <i>No data available.</i> |
| pH | 13.56 |
| Boiling point/boiling range | > 212 |
| Melting point | <i>No data available.</i> |
| Flammability (solid, gas) | Not applicable. |
| Explosive properties | Not classified |
| Oxidising properties | Not classified |
| Flash point | Flash point > 93 °C (200 °F) |
| Autoignition temperature | <i>No data available.</i> |
| Flammable Limits(LEL) | <i>No data available.</i> |
| Flammable Limits(UEL) | <i>No data available.</i> |
| Vapour pressure | <i>No data available.</i> |
| Relative density | 1.02 - 1.03 [Ref Std: WATER=1] |
| Water solubility | Complete |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Evaporation rate | <i>No data available.</i> |
| Vapour density | <i>No data available.</i> |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity | <i>No data available.</i> |
| Density | 1.02 - 1.03 g/ml |

9.2. Other information

| | |
|-------------------------------|---------------------------|
| EU Volatile Organic Compounds | <i>No data available.</i> |
| Molecular weight | <i>No data available.</i> |
| Percent volatile | 85 % weight |

SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation may occur.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

Respiratory tract corrosion: Signs/symptoms may include nasal discharge, severe nose and throat pain, chest tightness and pain, coughing up blood, wheezing, and breathlessness, possibly progressing to respiratory failure.

Skin contact

Corrosive (skin burns): Signs/symptoms may include localised redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

Eye contact

Corrosive (eye burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Ingestion

Gastrointestinal corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea; blood in the faeces and/or vomitus may also be seen.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|-------------------------|-----------------------------|---------|--|
| Overall product | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Inhalation-Vapour(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Sodium Metasilicate | Dermal | Rabbit | LD50 > 4,640 mg/kg |
| Sodium Metasilicate | Ingestion | Rat | LD50 500 mg/kg |
| 2-Propoxyethanol | Dermal | Rabbit | LD50 1,337 mg/kg |
| 2-Propoxyethanol | Inhalation-Vapour (4 hours) | Rat | LC50 > 11.1 mg/l |
| 2-Propoxyethanol | Ingestion | Rat | LD50 3,089 mg/kg |
| Sodium Olefin Sulfonate | Dermal | Rat | LD50 > 2,000 mg/kg |
| Sodium Olefin Sulfonate | Ingestion | Rat | LD50 578 mg/kg |
| Tetrasodium EDTA | Ingestion | Rat | LD50 1,658 mg/kg |
| Decylamine Oxide | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Decylamine Oxide | Ingestion | | LD50 estimated to be 2,000 - 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|------|---------|-------|
|------|---------|-------|

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| | | |
|-------------------------|---------------|---------------|
| Overall product | In vitro data | Corrosive |
| Sodium Metasilicate | Rabbit | Corrosive |
| Sodium Olefin Sulfonate | Rabbit | Mild irritant |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-------------------------|------------------------|-----------|
| Overall product | similar health hazards | Corrosive |
| Sodium Metasilicate | Rabbit | Corrosive |
| Sodium Olefin Sulfonate | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|-------------------------|------------|----------------|
| Sodium Metasilicate | Mouse | Not classified |
| Sodium Olefin Sulfonate | Guinea pig | Not classified |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|-------------------------|----------|---------------|
| Sodium Metasilicate | In Vitro | Not mutagenic |
| Sodium Metasilicate | In vivo | Not mutagenic |
| Sodium Olefin Sulfonate | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|-------------------------|-----------|---------|------------------|
| Sodium Olefin Sulfonate | Dermal | Rat | Not carcinogenic |
| Sodium Olefin Sulfonate | Ingestion | Rat | Not carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|-------------------------|-----------|--|---------|---------------------|----------------------|
| Sodium Metasilicate | Ingestion | Not classified for development | Mouse | NOAEL 200 mg/kg/day | during gestation |
| Sodium Olefin Sulfonate | Ingestion | Not classified for female reproduction | Rat | NOAEL 871 mg/kg | 2 generation |
| Sodium Olefin Sulfonate | Ingestion | Not classified for male reproduction | Rat | NOAEL 891 mg/kg | 2 generation |
| Sodium Olefin Sulfonate | Ingestion | Not classified for development | Rabbit | NOAEL 600 mg/kg | during organogenesis |

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---------------------|------------|------------------------|----------------------------------|-------------------------|---------------------|-------------------|
| Sodium Metasilicate | Inhalation | respiratory irritation | May cause respiratory irritation | official classification | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

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| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|-------------------------|-----------|--------------------------|--|---------|-----------------------|-------------------|
| Sodium Metasilicate | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Dog | LOAEL 2,400 mg/kg/day | 4 weeks |
| Sodium Metasilicate | Ingestion | endocrine system blood | Not classified | Rat | NOAEL 804 mg/kg/day | 3 months |
| Sodium Metasilicate | Ingestion | heart liver | Not classified | Rat | NOAEL 1,259 mg/kg/day | 8 weeks |
| Sodium Olefin Sulfonate | Ingestion | liver | Not classified | Rat | NOAEL 500 mg/kg/day | 6 months |
| Sodium Olefin Sulfonate | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 500 mg/kg | 6 months |

Aspiration Hazard

For the component/components, either no data is currently available or the data is not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS Nbr | Organism | Type | Exposure | Test endpoint | Test result |
|-------------------------|------------|----------------|--------------|----------|--------------------------|-------------|
| 2-Propoxyethanol | 2807-30-9 | Green Algae | Experimental | 72 hours | EC50 | >100 mg/l |
| 2-Propoxyethanol | 2807-30-9 | Eastern oyster | Estimated | 96 hours | LC50 | 89.4 mg/l |
| 2-Propoxyethanol | 2807-30-9 | Water flea | Experimental | 48 hours | EC50 | >5,000 mg/l |
| 2-Propoxyethanol | 2807-30-9 | Fathead minnow | Experimental | 96 hours | LC50 | >5,000 mg/l |
| 2-Propoxyethanol | 2807-30-9 | Green Algae | Experimental | 72 hours | NOEC | 100 mg/l |
| Sodium Metasilicate | 6834-92-0 | Zebra Fish | Experimental | 96 hours | LC50 | 210 mg/l |
| Sodium Metasilicate | 6834-92-0 | Green algae | Estimated | 72 hours | EC50 | >345.4 mg/l |
| Sodium Metasilicate | 6834-92-0 | Green algae | Estimated | 72 hours | Effect Concentration 10% | 34.5 mg/l |
| Sodium Olefin Sulfonate | 68439-57-6 | Water flea | Experimental | 48 hours | EC50 | 3.48 mg/l |
| Sodium Olefin Sulfonate | 68439-57-6 | Zebra Fish | Experimental | 96 hours | LC50 | 2.6 mg/l |
| Sodium Olefin Sulfonate | 68439-57-6 | Water flea | Estimated | 21 days | NOEC | 0.37 mg/l |
| Tetrasodium EDTA | 64-02-8 | Bluegill | Experimental | 96 hours | LC50 | 1,030 mg/l |
| Tetrasodium EDTA | 64-02-8 | Water flea | Experimental | 24 hours | EC50 | 1,033 mg/l |
| Tetrasodium EDTA | 64-02-8 | Water flea | Estimated | 21 days | NOEC | 29 mg/l |
| Decylamine Oxide | 2605-79-0 | Green algae | Estimated | 72 hours | EC50 | 0.129 mg/l |

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| | | | | | | |
|------------------|-----------|-------------|-----------|----------|------|------------|
| Decylamine Oxide | 2605-79-0 | Ricefish | Estimated | 96 hours | LC50 | 29.9 mg/l |
| Decylamine Oxide | 2605-79-0 | Water flea | Estimated | 48 hours | EC50 | 2.23 mg/l |
| Decylamine Oxide | 2605-79-0 | Green algae | Estimated | 72 hours | NOEC | 0.005 mg/l |
| Decylamine Oxide | 2605-79-0 | Water flea | Estimated | 21 days | NOEC | 0.36 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|-------------------------|------------|---|----------|--------------------------------|-----------------|-----------------------------------|
| 2-Propoxyethanol | 2807-30-9 | Experimental Biodegradation | 20 days | BOD | 100 % BOD/ThBOD | Other methods |
| Sodium Metasilicate | 6834-92-0 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Sodium Olefin Sulfonate | 68439-57-6 | Experimental Biodegradation | 28 days | CO2 evolution | 70 % weight | OECD 301B - Modified sturm or CO2 |
| Tetrasodium EDTA | 64-02-8 | Estimated Biodegradation | 28 days | BOD | 0 % BOD/ThBOD | OECD 301D - Closed bottle test |
| Decylamine Oxide | 2605-79-0 | Experimental Biodegradation | 28 days | Dissolv. Organic Carbon Deplet | 97 % weight | OECD 301E - Modified OECD Scre |

12.3 : Bioaccumulative potential

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|-------------------------|------------|---|----------|------------------------|-------------|--|
| 2-Propoxyethanol | 2807-30-9 | Experimental Bioconcentration | | Log Kow | 0.673 | Other methods |
| Sodium Metasilicate | 6834-92-0 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Sodium Olefin Sulfonate | 68439-57-6 | Estimated Bioconcentration | | Log Kow | 0.7 | Estimated: Octanol-water partition coefficient |
| Tetrasodium EDTA | 64-02-8 | Estimated BCF - Bluegill | 28 days | Bioaccumulation factor | 1.8 | Bioconcentration: Flow-through |
| Decylamine Oxide | 2605-79-0 | Estimated Bioconcentration | | Bioaccumulation factor | 182 | Estimated: Bioconcentration factor |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

20 01 29* Detergents containing dangerous substances

SECTION 14: Transportation information

ADR: UN3266 Corrosive Liquid, Basic, Inorganic, N.O.S (Sodium Metasilicate) Class 8, PG III, (E);C5

IMDG: UN3266 Corrosive Liquid, Basic, Inorganic, N.O.S (Sodium Metasilicate) Class 8, PG III, EmS:F-A, S-B

IATA: UN3266 Corrosive Liquid, Basic, Inorganic, N.O.S (Sodium Metasilicate) Class 8, PG III

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global inventory status

Contact manufacturer for more information The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

| | |
|------|---|
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Revision information:

Label: CLP Precautionary - Prevention information was modified.

Label: CLP Precautionary - Response information was modified.

Section 3: Composition/ Information of ingredients table information was added.

Section 3: Composition/ Information of ingredients table information was deleted.

Section 4: First aid for inhalation information information was modified.

Section 7: Conditions safe storage information was modified.

Section 8: glove data value information was modified.

Section 8: Personal Protection - Skin/hand information information was modified.
Section 8: Skin protection - protective clothing information information was modified.
Section 9: Boiling point information information was modified.
Section 9: Property description for optional properties information was modified.
Section 11: Acute Toxicity table information was modified.
Section 11: Carcinogenicity Table information was modified.
Section 11: Germ Cell Mutagenicity Table information was modified.
Section 11: Health Effects - Inhalation information information was modified.
Section 11: Reproductive Toxicity Table information was modified.
Section 11: Serious Eye Damage/Irritation Table information was modified.
Section 11: Skin Corrosion/Irritation Table information was modified.
Section 11: Skin Sensitization Table information was modified.
Section 11: Target Organs - Repeated Table information was modified.
Section 12: Component ecotoxicity information information was modified.
Prints No Data if Adverse effects information is not present information was added.
Section 12: Persistence and Degradability information information was modified.
Section 12: Biocumulative potential information information was modified.
Section 13: Standard Phrase Category Waste GHS information was modified.
Section 15: Label remarks and EU Detergent information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

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