



Safety Data Sheet

Copyright, 2019, Meguiar's, Inc. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilising Meguiar's, Inc. products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from Meguiar's, Inc., and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

| | | | |
|---------------------------------------|-------------------|-------------------------|------------|
| Document group: | 39-4181-2 | Version number: | 2.00 |
| Revision date: | 01/02/2019 | Supersedes date: | 15/10/2018 |
| Transportation version number: | 1.00 (15/10/2018) | | |

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

G1915 (29-70A), Ultimate Snow Foam Consumer

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:

Serious Eye Damage/Eye Irritation, Category 1 - Eye Dam. 1; H318
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



Ingredients:

| Ingredient | CAS Nbr | EC No. | % by Wt |
|-------------------------------|------------|-----------|---------|
| Alcohols, C12-16, ethoxylated | 68551-12-2 | 500-221-7 | 1 - 5 |

HAZARD STATEMENTS:

| | |
|------|--|
| H318 | Causes serious eye damage. |
| H412 | Harmful to aquatic life with long lasting effects. |

PRECAUTIONARY STATEMENTS

General:

P102 Keep out of reach of children.

Prevention:

P280A Wear eye/face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTRE or doctor/physician.

Disposal:

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

SUPPLEMENTAL INFORMATION:

Supplemental Hazard Statements:

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 (not required on industrial label): 5-15%: Anionic surfactant, aliphatic hydrocarbons.

Contains: Perfume, Colorant, benzyl benzoate, 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 | Mixture | | | 45 - 70 | Substance not classified as hazardous |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 68439-57-6 | 270-407-8 | | 7 - 13 | Acute Tox. 4, H302; Eye Dam. 1, H318 |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | 203-919-7 | | 7 - 13 | Substance not classified as hazardous |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | 500-221-7 | | 1 - 5 | Eye Dam. 1, H318; Aquatic Acute 1, H400,M=1; Aquatic Chronic 2, H411 |
| Hexadecan-1-ol | 36653-82-4 | 253-149-0 | | 1 - 5 | Substance not classified as hazardous |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 265-149-8 | | 1 - 5 | Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Flam. Liq. 3, H226; Skin Irrit. 2, H315; STOT SE 3, H336 |
| 2-(2-Butoxyethoxy)ethanol | 112-34-5 | 203-961-6 | | 1 - 5 | Eye Irrit. 2, H319 |
| 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 | Acute Tox. 3, H301; Skin Corr. 1B, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 EUH071 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

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

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. 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

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.

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. 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 breathing 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. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

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

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 |
|---------------------------|----------|--------|---|---------------------|
| 2-(2-Butoxyethoxy)ethanol | 112-34-5 | UK HSC | TWA:67.5 mg/m ³ (10 ppm);STEL:101.2 mg/m ³ (15 ppm) | |

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.

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 |

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

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 | Sweet cranberry odor, Clear light yellow, Liquid |
| Odour threshold | <i>No data available.</i> |
| pH | 9.5 - 10.5 |
| Boiling point/boiling range | 100 °C |
| Melting point | <i>No data available.</i> |
| Flammability (solid, gas) | Not applicable. |
| Explosive properties | Not classified |
| Oxidising properties | Not classified |
| Flash point | No flash point |
| 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 | 0.99 - 1 [Ref Std: WATER=1] |
| Water solubility | <i>No data available.</i> |
| 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 | 0.99 - 1 g/cm ³ |

9.2. Other information

| | |
|--------------------------------------|--|
| Average particle size | <i>No data available.</i> |
| Bulk density | <i>No data available.</i> |
| EU Volatile Organic Compounds | <i>No data available.</i> |
| Molecular weight | <i>No data available.</i> |
| Percent volatile | 75.1 % weight [Test Method: Estimated] |
| Softening point | <i>No data available.</i> |

* The values noted with an asterisk (*) in the above table are representative values based on testing of raw materials and selected products. Additionally, a material's characteristics may change depending upon the process and conditions of use at a facility, including further changes in particle size, or mixture with other materials. In order to obtain specific data for the material, we recommend the user conduct characterisation testing based on the use factors at the specific facility.

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

Not determined

10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

10.6 Hazardous decomposition products

Substance

Condition

None known.

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

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

May be harmful if swallowed.

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- | | No data available; calculated ATE >12.5 mg/l |

G1915 (29-70A), Ultimate Snow Foam Consumer

| | Dust/Mist(4 hr) | | |
|---|--------------------------------|-------------------|--|
| Overall product | Ingestion | | No data available; calculated ATE2,000 - 5,000 mg/kg |
| 2-(2-Ethoxyethoxy)ethanol | Dermal | Rabbit | LD50 9,143 mg/kg |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | Rat | LD50 5,400 mg/kg |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Dermal | Rat | LD50 > 2,000 mg/kg |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | Rat | LD50 578 mg/kg |
| 2-(2-Butoxyethoxy)ethanol | Dermal | Rabbit | LD50 2,764 mg/kg |
| 2-(2-Butoxyethoxy)ethanol | Ingestion | Rat | LD50 7,292 mg/kg |
| Distillates (petroleum), hydrotreated light | Dermal | Rabbit | LD50 > 3,160 mg/kg |
| Alcohols, C12-16, ethoxylated | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 1.6 mg/l |
| Distillates (petroleum), hydrotreated light | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 3 mg/l |
| Distillates (petroleum), hydrotreated light | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Alcohols, C12-16, ethoxylated | Dermal | similar compounds | LD50 2,525 mg/kg |
| Alcohols, C12-16, ethoxylated | Ingestion | similar compounds | LD50 2,525 mg/kg |
| Hexadecan-1-ol | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hexadecan-1-ol | 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 |
|---|---------|---------------------------|
| 2-(2-Ethoxyethoxy)ethanol | Rabbit | No significant irritation |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Rabbit | Mild irritant |
| 2-(2-Butoxyethoxy)ethanol | Rabbit | Minimal irritation |
| Alcohols, C12-16, ethoxylated | Rat | No significant irritation |
| Distillates (petroleum), hydrotreated light | Rabbit | Mild irritant |
| 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 |
|---|---------|-------------------|
| 2-(2-Ethoxyethoxy)ethanol | Rabbit | Moderate irritant |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Rabbit | Corrosive |
| 2-(2-Butoxyethoxy)ethanol | Rabbit | Corrosive |
| Alcohols, C12-16, ethoxylated | Rabbit | Corrosive |
| Distillates (petroleum), hydrotreated light | 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 |
|--|------------|----------------|
| 2-(2-Ethoxyethoxy)ethanol | Human | Not classified |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Guinea pig | Not classified |

G1915 (29-70A), Ultimate Snow Foam Consumer

| | | |
|---|------------------|----------------|
| Distillates (petroleum), hydrotreated light | 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 |
|---|----------|--|
| 2-(2-Ethoxyethoxy)ethanol | In Vitro | Not mutagenic |
| 2-(2-Ethoxyethoxy)ethanol | In vivo | Not mutagenic |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | In Vitro | Not mutagenic |
| Distillates (petroleum), hydrotreated light | In Vitro | 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 |
|---|-----------|---------|--|
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Dermal | Rat | Not carcinogenic |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | Rat | Not carcinogenic |
| Distillates (petroleum), hydrotreated light | Dermal | 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 |
|--|------------|--|---------|-----------------------|----------------------|
| 2-(2-Ethoxyethoxy)ethanol | Dermal | Not classified for development | Rat | NOAEL 5,500 mg/kg/day | during organogenesis |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | Not classified for development | Mouse | NOAEL 5,500 mg/kg/day | during organogenesis |
| 2-(2-Ethoxyethoxy)ethanol | Inhalation | Not classified for development | Rat | NOAEL 0.6 mg/l | during organogenesis |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | Not classified for male reproduction | Rat | NOAEL 2,200 mg/kg/day | 2 generation |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | Not classified for female reproduction | Rat | NOAEL 871 mg/kg | 2 generation |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | Not classified for male reproduction | Rat | NOAEL 891 mg/kg | 2 generation |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | Not classified for development | Rabbit | NOAEL 600 mg/kg | during organogenesis |
| Mixture of 5-chloro-2-methyl-2H- | Ingestion | Not classified for female reproduction | Rat | NOAEL 10 | 2 generation |

G1915 (29-70A), Ultimate Snow Foam Consumer

| | | | | | |
|---|-----------|--------------------------------------|-----|--------------------|----------------------|
| isothiazol-3-one and 2-methyl-2H-isothiazol-3-one | | | | mg/kg/day | |
| 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 |
|---|------------|-----------------------------------|--|------------------------|---------------------|-------------------|
| 2-(2-Ethoxyethoxy)ethanol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| Distillates (petroleum), hydrotreated light | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human and animal | NOAEL Not available | |
| Distillates (petroleum), hydrotreated light | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| Distillates (petroleum), hydrotreated light | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professional judgement | NOAEL Not available | |
| 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 |
|--|-----------|---|--|---------|-----------------------|-------------------|
| 2-(2-Ethoxyethoxy)ethanol | Dermal | kidney and/or bladder | Not classified | Rabbit | NOAEL 1,000 mg/kg/day | 12 weeks |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | Pig | NOAEL 167 mg/kg/day | 90 days |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL 2,700 mg/kg/day | 90 days |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | endocrine system | Not classified | Rat | NOAEL 2,500 mg/kg/day | 90 days |
| 2-(2-Ethoxyethoxy)ethanol | Ingestion | heart hematopoietic system nervous system | Not classified | Mouse | NOAEL 8,100 mg/kg/day | 90 days |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | liver | Not classified | Rat | NOAEL 500 mg/kg/day | 6 months |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 500 mg/kg | 6 months |

Aspiration Hazard

| Name | Value |
|---|-------------------|
| Distillates (petroleum), hydrotreated light | 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 |
|--|------------|---------------------|--------------|----------|--------------------------|-------------|
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Green algae | Estimated | 96 hours | EC50 | >100 mg/l |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Channel Catfish | Experimental | 96 hours | LC50 | 6,010 mg/l |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Water flea | Experimental | 48 hours | LC50 | 1,982 mg/l |
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Green algae | Estimated | 96 hours | NOEC | 100 mg/l |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 68439-57-6 | Diatom | Experimental | 72 hours | EC50 | 5.2 mg/l |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 68439-57-6 | Water flea | Experimental | 48 hours | EC50 | 3.48 mg/l |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 68439-57-6 | Zebra Fish | Experimental | 96 hours | LC50 | 2.6 mg/l |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 68439-57-6 | Diatom | Experimental | 72 hours | Effect Concentration 10% | 3.9 mg/l |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 68439-57-6 | Water flea | Experimental | 21 days | NOEC | 6.3 mg/l |
| 2-(2-Butoxyethoxy)ethanol | 112-34-5 | Atlantic Silverside | Experimental | 96 hours | LC50 | 2,000 mg/l |
| 2-(2-Butoxyethoxy)ethanol | 112-34-5 | Bluegill | Experimental | 96 hours | LC50 | 1,300 mg/l |
| 2-(2-Butoxyethoxy)ethanol | 112-34-5 | Green Algae | Experimental | 96 hours | EC50 | 1,101 mg/l |
| 2-(2-Butoxyethoxy)ethanol | 112-34-5 | Water flea | Experimental | 48 hours | EC50 | 4,950 mg/l |
| 2-(2-Butoxyethoxy)ethanol | 112-34-5 | Green algae | Experimental | 96 hours | NOEC | 100 mg/l |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | Diatom | Experimental | 72 hours | EC50 | 1 mg/l |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | Fathead minnow | Experimental | 96 hours | LC50 | 0.48 mg/l |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | Green algae | Experimental | 72 hours | EC50 | 0.85 mg/l |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | Water flea | Experimental | 48 hours | EC50 | 0.302 mg/l |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | Diatom | Experimental | 72 hours | NOEC | 0.32 mg/l |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | Green Algae | Experimental | 72 hours | NOEC | 0.5 mg/l |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | Water flea | Experimental | 21 days | NOEC | 0.083 mg/l |

G1915 (29-70A), Ultimate Snow Foam Consumer

| | | | | | | |
|---|------------|---------------|--------------|----------|------------------------|------------|
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Green Algae | Estimated | 72 hours | EC50 | 1 mg/l |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Rainbow trout | Estimated | 96 hours | Lethal Level 50% | 2 mg/l |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Water flea | Estimated | 48 hours | Effect Level 50% | 1.4 mg/l |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Green Algae | Estimated | 72 hours | No obs Effect Level | 1 mg/l |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Water flea | Estimated | 21 days | No obs Effect Level | 0.48 mg/l |
| Hexadecan-1-ol | 36653-82-4 | Green algae | Experimental | 96 hours | Effect Level 50% | >100 mg/l |
| Hexadecan-1-ol | 36653-82-4 | Rainbow trout | Experimental | 96 hours | LC50 | >100 mg/l |
| Hexadecan-1-ol | 36653-82-4 | Green algae | Experimental | 96 hours | Effect Concentraion 0% | 100 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 | 0.021 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

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|------------|-------------------------------|----------|---------------|----------------|-----------------------------------|
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Experimental Biodegradation | 16 days | CO2 evolution | 100 % weight | OECD 301B - Modified sturm or CO2 |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 68439-57-6 | Experimental Biodegradation | 28 days | CO2 evolution | 80 % weight | OECD 301B - Modified sturm or CO2 |
| 2-(2-Butoxyethoxy)ethanol | 112-34-5 | Experimental Biodegradation | 28 days | BOD | 92 % BOD/ThBOD | OECD 301C - MITI test (I) |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | Experimental Biodegradation | 28 days | BOD | 69 % weight | Other methods |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Data not availbl-insufficient | | | N/A | |
| Hexadecan-1-ol | 36653-82-4 | Experimental Biodegradation | 28 days | CO2 evolution | 82.4 % 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 | Data not availbl-insufficient | | | N/A | |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|---|----------|------------------------|-------------|---------------|
| 2-(2-Ethoxyethoxy)ethanol | 111-90-0 | Experimental Bioconcentration | | Log Kow | -0.54 | Other methods |
| Sulphonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 68439-57-6 | Estimated Bioconcentration | | Log Kow | -1.3 | Other methods |
| 2-(2-Butoxyethoxy)ethanol | 112-34-5 | Experimental Bioconcentration | | Log Kow | 1 | Other methods |
| Alcohols, C12-16, ethoxylated | 68551-12-2 | Experimental BCF-Carp | 72 hours | Bioaccumulation factor | 310 | |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

G1915 (29-70A), Ultimate Snow Foam Consumer

| | | | | | | |
|---|------------|---|-----|------------------------|-----|------------------------------------|
| Hexadecan-1-ol | 36653-82-4 | Estimated Bioconcentration | | Bioaccumulation factor | 661 | Estimated: Bioconcentration factor |
| 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 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)

070601* Aqueous washing liquids and mother liquors

SECTION 14: Transportation information

ADR/IATA/IMDG: Not hazardous 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 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

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

| | |
|--------|---|
| EUH071 | Corrosive to the respiratory tract. |
| H226 | Flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H302 | Harmful 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. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| 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. |
| H412 | Harmful to aquatic life with long lasting effects. |

Revision information:

Section 1: Product name information was modified.
CLP: Ingredient table information was added.
Label: CLP Classification information was modified.
Label: CLP Percent Unknown information was deleted.
Label: CLP Precautionary - Prevention information was added.
Label: CLP Precautionary - Response information was modified.
Label: Graphic information was modified.
Label: Signal Word information was modified.
Section 3: Composition/ Information of ingredients table information was modified.
Section 4: First Aid - notes to physician (REACH/GHS) information was modified.
Section 5: Fire - Advice for fire fighters information information was modified.
Section 5: Fire - Extinguishing media information information was modified.
BLV Reg Agency Desc information was deleted.
Section 8: BLV table information was deleted.
Section 8: BLV information was added.
Legend description information was deleted.
Section 8: Occupational exposure limit table information was modified.
Section 08: Skin protection - incidental contact text information was added.
Section 08: Skin protection - incidental contact information was added.
Section 9: Solubility in water text information was deleted.
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: 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.

Section 13: Standard Phrase Category Waste GHS information was modified.

Section 15: Carcinogenicity information 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.

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