



## Safety Data Sheet

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|                                       |                   |                         |            |
|---------------------------------------|-------------------|-------------------------|------------|
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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

Polish High Gloss (Marine/RV) M45 [M4516]

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

##### Identified uses

Marine

#### 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.

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

Contains 2% of components with unknown hazards to the aquatic environment.

**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 not required due to product viscosity.

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

| Ingredient | CAS Nbr | EC No. | REACH Registration | % by Wt | Classification |
|------------|---------|--------|--------------------|---------|----------------|
|------------|---------|--------|--------------------|---------|----------------|

**Polish High Gloss (Marine/RV) M45 [M4516]**

|   |              |           | No. |         |   |
|---|--------------|-----------|-----|---------|---|
| Non-Hazardous Ingredients   | Mixture      |           |     | 55 - 75 | Substance not classified as hazardous   |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics  |              | 926-141-6 |     | 10 - 20 | Asp. Tox. 1, H304; EUH066   |
| Clay  | Trade Secret |           |     | 5 - 10  | Substance not classified as hazardous   |
| White mineral oil (petroleum)   | 8042-47-5    | 232-455-8 |     | 5 - 10  | Asp. Tox. 1, H304   |
| Glycerol  | 56-81-5      | 200-289-5 |     | 1 - 5   | Substance with an occupational exposure limit   |
| Polyethylene glycol stearate  | 9004-99-3    |           |     | <= 0.5  | 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 |     | < 0.002 | 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<br>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**

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

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

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. 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. Store away from areas where product may come into contact with food or pharmaceuticals.

### 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.

## Polish High Gloss (Marine/RV) M45 [M4516]

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

White

#### Odor

Pleasant Odor, Sweet Odor

#### Odour threshold

No data available.

#### pH

6 - 6.75

#### Boiling point/boiling range

198.9 °C

#### Melting point

Not applicable.

|   |  |
|---|--|
| <b>Flammability (solid, gas)</b>              | Not applicable.                              |
| <b>Explosive properties</b>                   | Not classified                               |
| <b>Oxidising properties</b>                   | Not classified                               |
| <b>Flash point</b>                            | Flash point > 93 °C (200 °F)                 |
| <b>Autoignition temperature</b>               | <i>No data available.</i>                    |
| <b>Flammable Limits(LEL)</b>                  | <i>No data available.</i>                    |
| <b>Flammable Limits(UEL)</b>                  | <i>No data available.</i>                    |
| <b>Vapour pressure</b>                        | <i>No data available.</i>                    |
| <b>Relative density</b>                       | 0.98 [Ref Std: WATER=1]                      |
| <b>Water solubility</b>                       | Moderate                                     |
| <b>Solubility- non-water</b>                  | <i>No data available.</i>                    |
| <b>Partition coefficient: n-octanol/water</b> | <i>No data available.</i>                    |
| <b>Evaporation rate</b>                       | <i>No data available.</i>                    |
| <b>Vapour density</b>                         | <i>No data available.</i>                    |
| <b>Decomposition temperature</b>              | <i>No data available.</i>                    |
| <b>Viscosity</b>                              | 2,500 - 8,500 mPa-s                          |
| <b>Density</b>                                | 1 g/cm <sup>3</sup> - 1.03 g/cm <sup>3</sup> |

#### 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.

Sparks and/or flames.

### 10.5 Incompatible materials

Strong acids.

Strong bases.

Strong oxidising agents.

### 10.6 Hazardous decomposition products

**Substance**

**Condition**

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  | 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-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                             |
| Clay   | Dermal                         |                        | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| Clay   | Ingestion                      | Rat                    | LD50 > 2,000 mg/kg                             |
| White mineral oil (petroleum)  | Dermal                         | Rabbit                 | LD50 > 2,000 mg/kg                             |
| White mineral oil (petroleum)  | Ingestion                      | Rat                    | LD50 > 5,000 mg/kg                             |
| Glycerol   | Dermal                         | Rabbit                 | LD50 estimated to be > 5,000 mg/kg             |
| Glycerol   | 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                     |
|--|---------|---------------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics           | Rabbit  | Minimal irritation        |
| White mineral oil (petroleum)  | Rabbit  | No significant irritation |
| Glycerol   | Rabbit  | No significant irritation |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and | Rabbit  | Corrosive                 |

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2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

**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             |
| Glycerol   | 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          |
|--|------------------|----------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics   | Guinea pig       | Not classified |
| White mineral oil (petroleum)  | Guinea pig       | Not classified |
| Glycerol   | 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  |
|--|----------|--|
| 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  |
| 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  |
|--|----------------|-------------------------|--|
| 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   |
| Glycerol   | 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    |
|---|----------------|--|---------|-----------------------|----------------------|
| 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     |
| Glycerol  | Ingestion      | Not classified for female reproduction | Rat     | NOAEL 2,000 mg/kg/day | 2 generation         |
| Glycerol  | Ingestion      | Not classified for male reproduction   | Rat     | NOAEL 2,000 mg/kg/day | 2 generation         |
| Glycerol  | 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 |
|-------------------------------|------------|--|----------------|---------|-----------------------|-------------------|
| 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           |
| Glycerol                      | Inhalation | respiratory system   heart   liver   kidney and/or bladder | Not classified | Rat     | NOAEL 3.91 mg/l       | 14 days           |

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|          |           |   |                |     |                              |         |
|----------|-----------|---|----------------|-----|------------------------------|---------|
| Glycerol | Ingestion | endocrine system   hematopoietic system   liver   kidney and/or bladder | Not classified | Rat | NOAEL<br>10,000<br>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    | 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  |
| Clay   | Trade Secret | Green algae   | Estimated    | 72 hours | EC50                     | 2,500 mg/l  |
| Clay   | Trade Secret | Water flea    | Estimated    | 48 hours | EC50                     | >100 mg/l   |
| Clay   | Trade Secret | Zebra Fish    | Estimated    | 96 hours | LC50                     | >100 mg/l   |
| Clay   | Trade Secret | Green algae   | Estimated    | 72 hours | Effect Concentration 10% | 41 mg/l     |
| Clay   | Trade Secret | Rainbow trout | Estimated    | 30 days  | 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   |
| Glycerol   | 56-81-5      | Rainbow trout | Experimental | 96 hours | LC50                     | 54,000 mg/l |

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|  |            |                   |              |          |                     |              |
|--|------------|-------------------|--------------|----------|---------------------|--------------|
| Glycerol   | 56-81-5    | Water flea        | Experimental | 48 hours | LC50                | 1,955 mg/l   |
| Polyethylene glycol stearate   | 9004-99-3  | Green algae       | Estimated    | 72 hours | EC50                | 0.64 mg/l    |
| Polyethylene glycol stearate   | 9004-99-3  | Water flea        | Estimated    | 48 hours | EC50                | 0.72 mg/l    |
| Polyethylene glycol stearate   | 9004-99-3  | Zebra Fish        | Estimated    | 96 hours | LC50                | 0.65 mg/l    |
| Polyethylene glycol 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   |

**Polish High Gloss (Marine/RV) M45 [M4516]**

|  |            |            |              |         |      |            |
|--|------------|------------|--------------|---------|------|------------|
| 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 | 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-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics   | 926-141-6    | Experimental Biodegradation        | 28 days  | BOD                           | 69 % BOD/ThBOD   | OECD 301F - Manometric respirometry |
| Clay   | Trade Secret | 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   |
| Glycerol   | 56-81-5      | Experimental Biodegradation        | 14 days  | BOD                           | 63 % BOD/ThBOD   | OECD 301C - MITI test (I)           |
| Polyethylene glycol 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   |
|--|--------------|---|----------|------------------------|-------------|--|
| 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  |
| Clay   | Trade Secret | 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  |
| Glycerol   | 56-81-5      | Experimental Bioconcentration                         |          | Log Kow                | -1.76       | Other methods                                      |
| Polyethylene glycol 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-one [EC no. 220-239-6] | 55965-84-9   | Estimated BCF - Bluegill                              | 28 days  | Bioaccumulation factor | 54          | OECD 305E - Bioaccumulation flow-through fish test |

Polish High Gloss (Marine/RV) M45 [M4516]

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

### 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 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. |
| H412 | Harmful to aquatic life with long lasting effects.    |

**Revision information:**

Section 1: Product name information was modified.  
CLP: Ingredient table information was added.  
Contains statement for sensitizers information was deleted.  
Section 2: H phrase reference information was added.  
Label: CLP Classification information was added.  
Label: CLP Classification information was modified.  
Label: CLP Precautionary - Disposal information was added.  
Label: CLP Precautionary - General information was added.  
Label: CLP Precautionary - Prevention information was added.  
Label: CLP Precautionary - Response information was added.  
Label: Graphic information was added.  
Label: Signal Word information was added.  
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 5: Fire - Advice for fire fighters information information was modified.  
Section 5: Hazardous combustion products table 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: Eye protection information information was added.  
Section 8: Eye/face protection information information was deleted.  
Section 8: glove data value information was modified.  
Section 8: Occupational exposure limit table information was modified.  
OEL Reg Agency Desc information was modified.  
Section 8: Personal Protection - Eye information information was deleted.  
Section 8: Personal Protection - Respiratory Information information was deleted.  
Section 8: Personal Protection - Skin/hand information information was modified.  
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 9: Density information information was modified.  
Section 9: No Data Available Statement information was deleted.  
Section 09: Odor information was added.  
Sections 3 and 9: Odour, colour, grade information information was deleted.  
Section 9: Property description for optional properties information was added.  
Section 10: Conditions to avoid physical property information was modified.  
Section 10: Materials to avoid physical property information was modified.  
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 - Eye information information was modified.

Section 11: Health Effects - Inhalation information information was modified.  
Section 11: Health Effects - Skin information information was modified.  
Photosensitisation Table information was modified.  
Section 11: Reproductive and/or Developmental Effects text information was deleted.  
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: No PBT/vPvB information available warning information was modified.  
Section 12: Persistence and Degradability information information was modified.  
Section 12: Biocumulative potential information information was modified.  
Section 13: 13.1. Waste disposal note information was modified.  
Section 13: Standard Phrase Category Waste GHS information was modified.  
Section 14: Transportation classification information was modified.  
Section 15: Chemical Safety Assessment information was modified.  
Section 15: Label remarks and EU Detergent 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 deleted.  
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. 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.

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