



## Safety Data Sheet

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|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

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

#### 1.1. Product identifier

Ultimate Polish G192 [G19216 G19220]

#### Product Identification Numbers

14-1000-6806-4

7100038448

#### 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

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

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

The aspiration hazard classification is not required due to the product's viscosity.

#### CLASSIFICATION:

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

#### 2.2. Label elements

##### The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

Not applicable

#### SUPPLEMENTAL INFORMATION:

##### Supplemental Hazard Statements:

EUH208

Contains 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). May produce an allergic reaction.

##### Information required per Regulation (EU) No 528/2012, as amended for Great Britain on Biocidal Products:

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

#### 2.3. Other hazards

None known.

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

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Ingredient  | Identifier(s)                              | %        | Classification according to Regulation (EC) No. 1272/2008 [CLP], as amended for GB   |
|---|--|----------|--|
| Non-Hazardous Ingredients   | Mixture                                    | 60 - 100 | Substance not classified as hazardous  |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics  | (EC-No.) 926-141-6                         | 10 - 15  | Asp. Tox. 1, H304<br>EUH066  |
| Aluminium Oxide (non-fibrous)   | (CAS-No.) 1344-28-1<br>(EC-No.) 215-691-6  | 1 - 10   | Substance with a national occupational exposure limit  |
| 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) | (CAS-No.) 55965-84-9<br>(EC-No.) 911-418-6 | < 0.0015 | EUH071<br>Acute Tox. 3, H301<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400,M=100<br>Aquatic Chronic 1, H410,M=100<br>Nota B<br>Acute Tox. 2, H330<br>Acute Tox. 2, H310 |

Any entry in the Identifier(s) 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

**Specific Concentration Limits**

| Ingredient  | Identifier(s)                              | Specific Concentration Limits  |
|---|--|--|
| 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) | (CAS-No.) 55965-84-9<br>(EC-No.) 911-418-6 | (C >= 0.6%) Skin Corr. 1C, H314<br>(0.06% =< C < 0.6%) Skin Irrit. 2, H315<br>(C >= 0.6%) Eye Dam. 1, H318<br>(0.06% =< C < 0.6%) Eye Irrit. 2, H319<br>(C >= 0.0015%) Skin Sens. 1A, H317 |

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. If symptoms develop, remove the affected person to fresh air. Get medical attention.

**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**

No critical symptoms or effects. 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**

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. 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

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 |
|-------------------------------|-----------|--------|--|---------------------|
| Aluminium Oxide (non-fibrous) | 1344-28-1 | UK HSC | TWA(as respirable dust):4 mg/m <sup>3</sup> ;TWA(as inhalable dust):10 mg/m <sup>3</sup> |                     |

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

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

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

|  |  |
|--|--|
| Physical state                         | Liquid.  |
| Colour                                 | Pale Yellow, Soft White                            |
| Odor                                   | Sweet Odor   |
| Odour threshold                        | <i>No data available.</i>                          |
| Melting point/freezing point           | <i>Not applicable.</i>                             |
| Boiling point/boiling range            | >= 100 °C  |
| Flammability (solid, gas)              | Not applicable.                                    |
| Flammable Limits(LEL)                  | <i>No data available.</i>                          |
| Flammable Limits(UEL)                  | <i>No data available.</i>                          |
| Flash point                            | >= 93.3 °C [Test Method:Pensky-Martens Closed Cup] |
| Autoignition temperature               | <i>No data available.</i>                          |
| Decomposition temperature              | <i>No data available.</i>                          |
| pH                                     | 8  |
| Kinematic Viscosity                    | 25,000 mm <sup>2</sup> /sec                        |
| Water solubility                       | Moderate   |
| Solubility- non-water                  | <i>No data available.</i>                          |
| Partition coefficient: n-octanol/water | <i>No data available.</i>                          |
| Vapour pressure                        | <i>No data available.</i>                          |
| Density                                | 1 g/cm <sup>3</sup>                                |

Relative density  
Relative Vapour Density

1 [Ref Std: WATER=1]  
No data available.

## 9.2. Other information

### 9.2.2 Other safety characteristics

EU Volatile Organic Compounds  
Evaporation rate  
Molecular weight  
Percent volatile

152 g/l [Details:(calculated per Directive 2004/42/EC)]  
No data available.  
No data available.  
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

#### 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 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 hazard classes as defined in the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.

#### Signs and Symptoms of Exposure

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

#### Inhalation

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat pain.

**Skin contact**

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

**Eye contact**

Dust created by cutting, grinding, sanding, or machining may cause 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  | 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                             |
| 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                             |
| 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 0.171 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        |
| Aluminium Oxide (non-fibrous)  | 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                     |
|--|---------|---------------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics   | Rabbit  | Mild irritant             |
| Aluminium Oxide (non-fibrous)  | 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 |
| 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  |
| Aluminium Oxide (non-fibrous)  | 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 |
| Aluminium Oxide (non-fibrous)  | Inhalation     | Rat           | 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) | 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      |
| 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 | May cause respiratory irritation | 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 |

**Aspiration Hazard**

| Name   | Value             |
|--|-------------------|
| Hydrocarbons, C11-C14, n-alkanes, 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.

**11.2. Information on other hazards**

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

**SECTION 12: Ecological information**

The information below may not agree with the 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 | EL50          | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 926-141-6 | Rainbow trout | Experimental | 96 hours | LL50          | >1,000 mg/l |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes,                        | 926-141-6 | Water flea    | Experimental | 48 hours | EL50          | >1,000 mg/l |

|  |            |                   |              |          |       |             |
|--|------------|-------------------|--------------|----------|-------|-------------|
| cyclics, <2% aromatics   |            |                   |              |          |       |             |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics   | 926-141-6  | Green algae       | Experimental | 72 hours | NOEL  | 1,000 mg/l  |
| Aluminium Oxide (non-fibrous)  | 1344-28-1  | N/A               | 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   |
| 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 | Activated sludge  | Experimental | 3 hours  | NOEC  | 0.91 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 | Bacteria          | Experimental | 16 hours | EC50  | 5.7 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 | Copepod           | 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 | ErC50 | 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 | ErC50 | 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-                             | 55965-84-9 | Sheepshead Minnow | Experimental | 96 hours | LC50  | 0.3 mg/l    |

|  |            |                |              |          |      |              |
|--|------------|----------------|--------------|----------|------|--------------|
| 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 | 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  | NOEL | 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                            |
|--|------------|-----------------------------------|----------|-----------------------------|---|-------------------------------------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics   | 926-141-6  | Experimental Biodegradation       | 28 days  | BOD                         | 69 %BOD/ThOD  | OECD 301F - Manometric respirometry |
| Aluminium Oxide (non-fibrous)  | 1344-28-1  | Data not available - insufficient | N/A      | N/A                         | N/A   | N/A                                 |
| 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 | Analogous Compound Biodegradation | 29 days  | CO2 evolution               | 62 %CO2 evolution/THCO2 evolution (does not pass 10-day window) | 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-             | 55965-84-9 | Experimental Hydrolysis           |          | Hydrolytic half-life (pH 7) | > 60 days (t 1/2)   |                                     |

|              |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|
| 239-6] (3:1) |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|

### 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                      |
| Aluminium Oxide (non-fibrous)  | 1344-28-1  | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A                      |
| 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 | Analogous Compound BCF - Fish                         | 28 days  | Bioaccumulation factor | 54          | OECD305-Bioconcentration |
| 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 | Analogous Compound Bioconcentration                   |          | Log Kow                | 0.4         |                          |

### 12.4. Mobility in soil

| Material   | Cas No.    | Test type                     | 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 | Experimental Mobility in Soil | Koc        | 10 l/kg     | OECD 106 Adsp-Desb Batch Equil |

### 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

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. 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 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 13\* Solvents

**SECTION 14: Transportation information**

Not hazardous for transportation.

|  | <b>Ground Transport (ADR)</b>  | <b>Air Transport (IATA)</b>  | <b>Marine Transport (IMDG)</b>   |
|--|--|--|--|
| <b>14.1 UN number</b>  | No data available.   | No data available.   | No data available.   |
| <b>14.2 UN proper shipping name</b>  | No data available.   | No data available.   | No data available.   |
| <b>14.3 Transport hazard class(es)</b>   | No data available.   | No data available.   | No data available.   |
| <b>14.4 Packing group</b>  | No data available.   | No data available.   | No data available.   |
| <b>14.5 Environmental hazards</b>  | No data available.   | No data available.   | No data available.   |
| <b>14.6 Special precautions for user</b>   | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. |
| <b>14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code</b> | No data available.   | No data available.   | No data available.   |
| <b>Control Temperature</b>   | No data available.   | No data available.   | No data available.   |
| <b>Emergency Temperature</b>   | No data available.   | No data available.   | No data available.   |
| <b>ADR Classification Code</b>   | No data available.   | No data available.   | No data available.   |
| <b>IMDG Segregation Code</b>   | No data available.   | No data available.   | No data available.   |

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Restrictions on the manufacture, placing on the market and use:**

The following substance(s) contained in this product is/are subject to Annex XVII of regulation (EC) 1907/2006, as amended for GB, with regard to restrictions on the manufacture, placing on the market and use when present in certain dangerous

conditions. Users of this product are required to comply with the restrictions placed upon it by the aforementioned provision.

**Ingredient**

**CAS Nbr**

reaction mass of: 5-chloro-2-methyl-4-isothiazolin- 55965-84-9  
 3-one [EC no. 247-500-7]and 2-methyl-2H-  
 isothiazol-3-one [EC no. 220-239-6] (3:1)

Restriction status: listed in UK REACH Annex XVII

Restricted uses: See Annex XVII to Regulation (EC) No 1907/2006 as amended for Great Britain for Conditions of Restriction

**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 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. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

**COMAH Regulation, SI 2015/483**

Seveso hazard categories, Annex 1, Part 1

None

Seveso named dangerous substances, Annex 1, Part 2

| Dangerous Substances   | Identifier(s) | Qualifying quantity (tonnes) for the application of |                         |
|--|---------------|---|-------------------------|
|  |               | Lower-tier requirements                             | Upper-tier requirements |
| 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    | 50  | 200                     |

**Regulation (EU) No 649/2012, as amended for GB**

No chemicals listed

**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 for GB.

**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.                  |
| H318   | Causes serious eye damage.                            |
| H330   | Fatal if inhaled.                                     |
| H400   | Very toxic to aquatic life.                           |
| H410   | Very toxic to aquatic life with long lasting effects. |

**Revision information:**

Contains statement for sensitizers information was added.

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. SDSs for Great Britain are available at [www.meguiars.co.uk](http://www.meguiars.co.uk)**

For Northern Ireland documents, please contact your 3M representative to obtain a copy.