



## 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

A12, Car Cleaner Wax - Liquid (26-66A): A1216

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

##### Identified uses

Automotive.

#### 1.3. Details of the supplier of the safety data sheet

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

#### 1.4. Emergency telephone number

+44 (0)870 241 6696

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

##### CLASSIFICATION:

Skin Corrosion/Irritation, Category 2 - Skin Irrit. 2; H315  
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

WARNING.

**A12, Car Cleaner Wax - Liquid (26-66A): A1216**

**Symbols:**

GHS07 (Exclamation mark) |

**Pictograms**



**HAZARD STATEMENTS:**

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS**

**General:**

P102 Keep out of reach of children.

**Response:**

P332 + P313 If skin irritation occurs: Get medical advice/attention.

**Disposal:**

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

**SUPPLEMENTAL INFORMATION:**

**Supplemental Hazard Statements:**

EUH208 Contains Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1). May produce an allergic reaction.

1% of the mixture consists of components of unknown acute oral toxicity.

Contains 1% of components with unknown hazards to the aquatic environment.

**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. H304 is not required on the label due to the product's viscosity  
Ingredients required per 648/2004: 15-30%: Aliphatic hydrocarbons. <5%: Non-ionic surfactants. Contains: Perfumes, Benzyl benzoate, 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 |
|------------|---------|--------|------------------------|---------|----------------|
|            |         |        |                        |         |                |

**A12, Car Cleaner Wax - Liquid (26-66A): A1216**

|  |              |           |  |          |   |
|--|--------------|-----------|--|----------|---|
| Non-Hazardous Ingredients  | Mixture      |           |  | 50 - 70  | Substance not classified as hazardous   |
| Distillates (petroleum), hydrotreated light  | 64742-47-8   | 265-149-8 |  | 1 - 15   | Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411<br>Flam. Liq. 3, H226; Skin Irrit. 2, H315; STOT SE 3, H336  |
| Kaolin, calcined   | 92704-41-1   | 296-473-8 |  | 1 - 10   | Substance not classified as hazardous   |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   |              | 920-901-0 |  | 3 - 7    | Asp. Tox. 1, H304; EUH066   |
| Siloxanes and silicones, di-Me   | 63148-62-9   |           |  | 1 - 5    | Substance not classified as hazardous   |
| Titanium dioxide   | 13463-67-7   | 236-675-5 |  | < 0.2    | Substance with a Community level exposure limit in the workplace  |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | 55965-84-9   | 911-418-6 |  | < 0.0015 | EUH071; Acute Tox. 3, H301; Skin Corr. 1C, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=100; Aquatic Chronic 1, H410,M=100 - Nota B<br>Acute Tox. 2, H330; Acute Tox. 2, H310 |
| Conditioners   | Trade Secret |           |  | < 5      | Substance not classified as hazardous   |

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**

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

**If swallowed**

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

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

See Section 11.1 Information on toxicological effects

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

Not applicable

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

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

### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

### Hazardous Decomposition or By-Products

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

Do not use in a confined area with minimal air exchange. Keep out of reach of children. Do not handle until all safety precautions have been read and understood. 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.) Use personal protective equipment (eg. gloves, respirators...) as required.

### 7.2. Conditions for safe storage including any incompatibilities

Protect from sunlight. 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.

| <b>Ingredient</b> | <b>CAS Nbr</b> | <b>Agency</b> | <b>Limit type</b>  | <b>Additional comments</b> |
|-------------------|----------------|---------------|--|----------------------------|
| Titanium dioxide  | 13463-67-7     | UK HSC        | TWA(Inhalable):10<br>mg/m <sup>3</sup> ;TWA(respirable):4<br>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**

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**

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:

| <b>Material</b>  | <b>Thickness (mm)</b> | <b>Breakthrough Time</b> |
|------------------|-----------------------|--------------------------|
| Polymer laminate | No data available     | No data available        |

##### *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

|   |   |
|---|---|
| <b>Physical state</b>                         | Liquid.                                     |
| <b>Appearance/Odour</b>                       | Sweet, pleasant odour; Creamy, ivory liquid |
| <b>Odour threshold</b>                        | <i>No data available.</i>                   |
| <b>pH</b>                                     | 8.5 - 9.2                                   |
| <b>Boiling point/boiling range</b>            | 198.9 °C                                    |
| <b>Melting point</b>                          | <i>Not applicable.</i>                      |
| <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>                       | 0.91 - 1.01 [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>                              | 26,000 - 32,000 mPa-s                       |
| <b>Density</b>                                | 0.91 - 1.01 g/cm <sup>3</sup>               |

### 9.2. Other information

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

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

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

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

Heat.

### 10.5 Incompatible materials

Strong acids.

Strong bases.

Strong oxidising agents.

**10.6 Hazardous decomposition products****Substance**

None known.

**Condition**

Refer to section 5.2 for hazardous decomposition products during combustion.

**SECTION 11: Toxicological information**

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

**11.1 Information on Toxicological effects****Signs and Symptoms of Exposure**

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

**Inhalation**

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause additional health effects (see below).

**Skin contact**

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

**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.

**Additional Health Effects:****Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

**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 |
| Distillates (petroleum), hydrotreated light | Dermal                         | Rabbit  | LD50 > 3,160 mg/kg                             |
| 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                             |
| Kaolin, calcined                            | Dermal                         |         | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| Kaolin, calcined                            | Ingestion                      | Rat     | LD50 > 2,000 mg/kg                             |

**A12, Car Cleaner Wax - Liquid (26-66A): A1216**

|  |                                |        |                                   |
|--|--------------------------------|--------|-----------------------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Inhalation-Vapour              |        | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Dermal                         | Rabbit | LD50 > 5,000 mg/kg                |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Ingestion                      | Rat    | LD50 > 5,000 mg/kg                |
| Siloxanes and silicones, di-Me   | Dermal                         | Rabbit | LD50 > 19,400 mg/kg               |
| Siloxanes and silicones, di-Me   | Ingestion                      | Rat    | LD50 > 17,000 mg/kg               |
| Titanium dioxide   | Dermal                         | Rabbit | LD50 > 10,000 mg/kg               |
| Titanium dioxide   | Inhalation-Dust/Mist (4 hours) | Rat    | LC50 > 6.82 mg/l                  |
| Titanium dioxide   | Ingestion                      | Rat    | LD50 > 10,000 mg/kg               |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | Dermal                         | Rabbit | LD50 87 mg/kg                     |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | Inhalation-Dust/Mist (4 hours) | Rat    | LC50 0.33 mg/l                    |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | Ingestion                      | Rat    | LD50 40 mg/kg                     |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name   | Species | Value                     |
|--|---------|---------------------------|
| Distillates (petroleum), hydrotreated light  | Rabbit  | Mild irritant             |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Rabbit  | Minimal irritation        |
| Siloxanes and silicones, di-Me   | Rabbit  | No significant irritation |
| Titanium dioxide   | Rabbit  | No significant irritation |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | Rabbit  | Corrosive                 |

**Serious Eye Damage/Irritation**

| Name   | Species | Value                     |
|--|---------|---------------------------|
| Distillates (petroleum), hydrotreated light  | Rabbit  | Mild irritant             |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Rabbit  | Mild irritant             |
| Siloxanes and silicones, di-Me   | Rabbit  | No significant irritation |
| Titanium dioxide   | Rabbit  | No significant irritation |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | Rabbit  | Corrosive                 |

**Skin Sensitisation**

| Name   | Species          | Value          |
|--|------------------|----------------|
| Distillates (petroleum), hydrotreated light  | Guinea pig       | Not classified |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Guinea pig       | Not classified |
| Titanium dioxide   | Human and animal | Not classified |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | Human and animal | Sensitising    |

**Photosensitisation**

| Name   | Species          | Value           |
|--|------------------|-----------------|
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (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.



**A12, Car Cleaner Wax - Liquid (26-66A): A1216**

**Germ Cell Mutagenicity**

| Name   | Route    | Value  |
|--|----------|--|
| Distillates (petroleum), hydrotreated light  | In Vitro | Not mutagenic  |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | In Vitro | Not mutagenic  |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | In vivo  | Not mutagenic  |
| Titanium dioxide   | In Vitro | Not mutagenic  |
| Titanium dioxide   | In vivo  | Not mutagenic  |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | In vivo  | Not mutagenic  |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | In Vitro | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name   | Route          | Species                 | Value  |
|--|----------------|-------------------------|--|
| Distillates (petroleum), hydrotreated light  | Dermal         | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Not specified. | Not available           | Not carcinogenic   |
| Titanium dioxide   | Ingestion      | Multiple animal species | Not carcinogenic   |
| Titanium dioxide   | Inhalation     | Rat                     | Carcinogenic.  |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | Dermal         | Mouse                   | Not carcinogenic   |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | Ingestion      | Rat                     | Not carcinogenic   |

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name   | Route          | Value                                  | Species       | Test result        | Exposure Duration    |
|--|----------------|--|---------------|--------------------|----------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Not specified. | Not classified for female reproduction | Not available | NOAEL NA           | 1 generation         |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Not specified. | Not classified for male reproduction   | Not available | NOAEL NA           | 28 days              |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | Not specified. | Not classified for development         | Not available | NOAEL NA           | during gestation     |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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 |
|---|------------|-----------------------------------|--|------------------------|---------------------|-------------------|
| 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 |                   |

**A12, Car Cleaner Wax - Liquid (26-66A): A1216**

|  |            |                        |  |                              |                     |  |
|--|------------|------------------------|--|------------------------------|---------------------|--|
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | nt<br>similar health hazards | NOAEL Not available |  |
|--|------------|------------------------|--|------------------------------|---------------------|--|

**Specific Target Organ Toxicity - repeated exposure**

| Name             | Route      | Target Organ(s)    | Value  | Species | Test result         | Exposure Duration     |
|------------------|------------|--------------------|--|---------|---------------------|-----------------------|
| Titanium dioxide | Inhalation | respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat     | LOAEL 0.01 mg/l     | 2 years               |
| Titanium dioxide | Inhalation | pulmonary fibrosis | Not classified   | Human   | NOAEL Not available | occupational exposure |

**Aspiration Hazard**

| Name   | Value             |
|--|-------------------|
| Distillates (petroleum), hydrotreated light      | Aspiration hazard |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Aspiration hazard |

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

**SECTION 12: Ecological information**

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

**12.1. Toxicity**

No product test data available.

| Material   | CAS #      | Organism      | Type      | Exposure | Test endpoint            | Test result |
|--|------------|---------------|-----------|----------|--------------------------|-------------|
| 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   |
| Kaolin, calcined                                 | 92704-41-1 | Water flea    | Estimated | 48 hours | EC50                     | >100 mg/l   |
| Kaolin, calcined                                 | 92704-41-1 | Green algae   | Estimated | 72 hours | EC50                     | 2,500 mg/l  |
| Kaolin, calcined                                 | 92704-41-1 | Zebra Fish    | Estimated | 96 hours | LC50                     | >100 mg/l   |
| Kaolin, calcined                                 | 92704-41-1 | Rainbow trout | Estimated | 30 days  | NOEC                     | >100 mg/l   |
| Kaolin, calcined                                 | 92704-41-1 | Green algae   | Estimated | 72 hours | Effect Concentration 10% | 41 mg/l     |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0  | Rainbow trout | Estimated | 96 hours | Lethal Level 50%         | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0  | Green Algae   | Estimated | 72 hours | Effect Level 50%         | >1,000 mg/l |

**A12, Car Cleaner Wax - Liquid (26-66A): A1216**

|  |            |                   |   |          |                     |              |
|--|------------|-------------------|---|----------|---------------------|--------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | 920-901-0  | Water flea        | Estimated   | 48 hours | Effect Level 50%    | >1,000 mg/l  |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | 920-901-0  | Green Algae       | Estimated   | 72 hours | No obs Effect Level | 1,000 mg/l   |
| Siloxanes and silicones, di-Me   | 63148-62-9 |                   | Data not available or insufficient for classification |          |                     |              |
| Titanium dioxide   | 13463-67-7 | Diatom            | Experimental  | 72 hours | EC50                | >10,000 mg/l |
| Titanium dioxide   | 13463-67-7 | Water flea        | Experimental  | 48 hours | EC50                | >100 mg/l    |
| Titanium dioxide   | 13463-67-7 | Fathead minnow    | Experimental  | 96 hours | LC50                | >100 mg/l    |
| Titanium dioxide   | 13463-67-7 | Diatom            | Experimental  | 72 hours | NOEC                | 5,600 mg/l   |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (3:1) | 55965-84-9 | Water flea        | Experimental  | 21 days  | NOEC                | 0.004 mg/l   |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (3:1) | 55965-84-9 | Fathead minnow    | Experimental  | 36 days  | No obs Effect Level | 0.02 mg/l    |

**A12, Car Cleaner Wax - Liquid (26-66A): A1216**

**12.2. Persistence and degradability**

| Material   | CAS Nbr    | Test type                          | Duration | Study Type                    | Test result  | Protocol                            |
|--|------------|------------------------------------|----------|-------------------------------|--|-------------------------------------|
| Distillates (petroleum), hydrotreated light  | 64742-47-8 | Data not available or insufficient |          |                               | N/A  |                                     |
| Kaolin, calcined   | 92704-41-1 | Data not available or insufficient |          |                               | N/A  |                                     |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | 920-901-0  | Estimated Biodegradation           | 28 days  | BOD                           | 31.3 % BOD/ThBOD   | OECD 301F - Manometric respirometry |
| Siloxanes and silicones, di-Me   | 63148-62-9 | Data not available or insufficient |          |                               | N/A  |                                     |
| Titanium dioxide   | 13463-67-7 | Data not available or insufficient |          |                               | N/A  |                                     |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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 and 2-methyl-4-isothiazolin-3-one (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   |
|--|------------|---|----------|------------------------|-------------|--|
| Distillates (petroleum), hydrotreated light  | 64742-47-8 | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A  |
| Kaolin, calcined   | 92704-41-1 | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A  |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics   | 920-901-0  | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A  |
| Siloxanes and silicones, di-Me   | 63148-62-9 | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A  |
| Titanium dioxide   | 13463-67-7 | Experimental BCF - Carp                               | 42 days  | Bioaccumulation factor | 9.6         | Other methods                                      |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) | 55965-84-9 | Estimated BCF - Bluegill                              | 28 days  | Bioaccumulation factor | 54          | OECD 305E - Bioaccumulation flow-through fish test |

**12.4. Mobility in soil**

Please contact manufacturer for more details

**12.5. Results of the PBT and vPvB assessment**

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

**12.6. Other adverse effects**

No information available.

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

## 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)

070601\* Aqueous washing liquids and mother liquors

## SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

## SECTION 15: Regulatory information

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

#### Carcinogenicity

| <u>Ingredient</u> | <u>CAS Nbr</u> | <u>Classification</u>            | <u>Regulation</u>                              |
|-------------------|----------------|----------------------------------|--|
| Titanium dioxide  | 13463-67-7     | Grp. 2B: Possible human<br>carc. | International Agency<br>for Research on Cancer |

#### 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. 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 mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

## SECTION 16: Other information

### List of relevant H statements

EUH066 Repeated exposure may cause skin dryness or cracking.

|        |   |
|--------|---|
| EUH071 | Corrosive to the respiratory tract.                   |
| H226   | Flammable liquid and vapour.                          |
| 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.              |
| H315   | Causes skin irritation.                               |
| H317   | May cause an allergic skin reaction.                  |
| 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:**

CLP: Ingredient table information was deleted.  
Label: CLP Classification information was modified.  
Label: CLP Percent Unknown information was deleted.  
Label: CLP Percent Unknown information was modified.  
Label: CLP Precautionary - General information was modified.  
Label: CLP Precautionary - Prevention information was deleted.  
Label: CLP Target Organ Hazard Statement information was deleted.  
Label: Graphic information was modified.  
List of sensitizers information was modified.  
Section 3: Composition/ Information of ingredients table information was modified.  
Section 4: First aid for skin contact information information was modified.  
Section 5: Fire - Advice for fire fighters information information was modified.  
Section 7: Precautions safe handling information information was modified.  
Section 8: Occupational exposure limit table information was modified.  
Section 11: Acute Toxicity table information was modified.  
Section 11: Aspiration Hazard Table information was modified.  
Section 11: Cancer Hazards information information was added.  
Section 11: Carcinogenicity Table information was modified.  
Section 11: Germ Cell Mutagenicity Table information was modified.  
Section 11: Health Effects - Inhalation information information was modified.  
Section 11: Health Effects - Skin information information was modified.  
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 15: Carcinogenicity information information was added.  
Section 15: Chemical Safety Assessment information was modified.  
Section 15: Label remarks and EU Detergent information was modified.  
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material.  
information was modified.  
Section 16: Web address information was modified.

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

**Meguiar's, Inc. United Kingdom SDSs are available at [www.meguiars.co.uk](http://www.meguiars.co.uk)**