



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

Gold Class™ Carnauba Plus Paste Wax (Premium) G70 [G7014J]

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

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:

Flammable Solid, Category 1 - Flam. Sol. 1; H228

Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

SIGNAL WORD

DANGER.

Symbols

GHS02 (Flame) |

Pictograms



HAZARD STATEMENTS:

H228 Flammable solid.

H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

General:

P102 Keep out of reach of children.

Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response:

P370 + P378 In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

Disposal:

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

SUPPLEMENTAL INFORMATION:

Supplemental Hazard Statements:

EUH066 Repeated exposure may cause skin dryness or cracking.

14% of the mixture consists of components of unknown acute oral toxicity.

Contains 20% of components with unknown hazards to the aquatic environment.

Nota P applied.

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] |
|---|--|-------------------------------|--|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | (EC-No.) 920-901-0 | 40 - 50 (Typically 45.825) | Asp. Tox. 1, H304 EUH066 |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | (EC-No.) 927-676-8 | < 5 (Typically 4.55) | Asp. Tox. 1, H304 EUH066 |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | (CAS-No.) 6197-30-4 (EC-No.) 228-250-8 | < 0.2 | Aquatic Chronic 1, H410,M=10 |
| Titanium dioxide | (CAS-No.) 13463-67-7 (EC-No.) 236-675-5 | < 1 | Carc. 2, H351 (inhalation) |

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

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

No need for first aid is anticipated.

If swallowed

Rinse mouth. If you are concerned, get medical advice.

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

The most important symptoms and effects based on the CLP classification include:
Toxic by eye contact.

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

Substance

Aldehydes.
formaldehyde
Carbon monoxide
Carbon dioxide.
Irritant vapours or gases.
Oxides of nitrogen.

Condition

During combustion.
During combustion.
During combustion.
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. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. 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. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. 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

Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. 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. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. 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.) Wear low static or properly grounded shoes. Use personal protective equipment (eg. gloves, respirators...) as required. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapour accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

7.2. Conditions for safe storage including any incompatibilities

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

7.3. Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

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 |
|------------------|------------|--------|--|---------------------|
| Titanium dioxide | 13463-67-7 | UK HSC | TWA(respirable):4 mg/m ³ ;TWA(Inhalable):10 mg/m ³ | |

UK HSC : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Biological limit values

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

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

8.2. Exposure controls

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. Use explosion-proof ventilation 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:

| 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

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

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

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

Applicable Norms/Standards

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | Solid. |
| Specific Physical Form: | Paste |
| Colour | Dull Yellow, Soft White |
| Odor | Pleasant Odor |
| Odour threshold | No data available. |
| Melting point/freezing point | 51.7 °C |
| Boiling point/boiling range | 185 °C |
| Flammability (solid, gas) | Flammable Solid: Category 1. |
| Flammable Limits(LEL) | No data available. |
| Flammable Limits(UEL) | No data available. |
| Flash point | >= 93.3 °C [Test Method:Pensky-Martens Closed Cup] |
| Autoignition temperature | No data available. |
| Decomposition temperature | No data available. |
| pH | substance/mixture is non-soluble (in water) |
| Kinematic Viscosity | No data available. |
| Water solubility | Nil |
| Solubility- non-water | No data available. |
| Partition coefficient: n-octanol/water | No data available. |
| Vapour pressure | No data available. |
| Density | 0.85 g/cm ³ |
| Relative density | 0.85 [Ref Std:WATER=1] |
| Relative Vapor Density | No data available. |

9.2. Other information

9.2.2 Other safety characteristics

| | |
|-------------------------------|--------------------|
| EU Volatile Organic Compounds | No data available. |
| Evaporation rate | No data available. |
| Molecular weight | No data available. |
| Percent volatile | 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 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 internal hazard assessments.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Signs and Symptoms of Exposure**

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

Inhalation

May be harmful if inhaled. May cause additional health effects (see below).

Skin contact

Prolonged or repeated exposure may cause: Dermal Defatting: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

Eye contact

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

Ingestion

No known health effects.

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 >20 - =50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Inhalation-Vapour | | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Inhalation-Vapour | | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Inhalation-Vapour | Professional judgement | LC50 estimated to be 20 - 50 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Ingestion | Rat | LD50 > 5,000 mg/kg |
| 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 |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---|---------|---------------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Rabbit | Minimal irritation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Rabbit | Minimal irritation |
| Titanium dioxide | Rabbit | No significant irritation |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Rabbit | Minimal irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|------------------------|---------------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Rabbit | Mild irritant |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Rabbit | Mild irritant |
| Titanium dioxide | Rabbit | No significant irritation |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | similar health hazards | Mild irritant |

Skin Sensitisation

| Name | Species | Value |
|---|------------------|----------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Guinea pig | Not classified |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Guinea pig | Not classified |
| Titanium dioxide | Human and animal | Not classified |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Guinea pig | Not classified |

Photosensitisation

| Name | Species | Value |
|---|---------|-----------------|
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Guinea | Not sensitising |

| | | |
|--|-----|--|
| | pig | |
|--|-----|--|

Respiratory Sensitisation

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

Germ Cell Mutagenicity

| Name | Route | Value |
|---|----------|---------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | In vivo | Not mutagenic |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | In Vitro | Not mutagenic |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | In vivo | Not mutagenic |
| Titanium dioxide | In Vitro | Not mutagenic |
| Titanium dioxide | In vivo | Not mutagenic |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | In Vitro | Not mutagenic |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | In vivo | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|---|----------------|-------------------------|------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not available | Not carcinogenic |
| Titanium dioxide | Ingestion | Multiple animal species | Not carcinogenic |
| Titanium dioxide | Inhalation | Rat | Carcinogenic. |

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

| Name | Route | Value | Species | Test result | Exposure Duration |
|---|----------------|--|---------------|-----------------------|----------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not classified for female reproduction | Not available | NOAEL NA | 1 generation |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not classified for male reproduction | Not available | NOAEL NA | 28 days |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | Not specified. | Not classified for development | Not available | NOAEL NA | during gestation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for female reproduction | Not available | NOAEL NA | 1 generation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for female reproduction | Rat | NOAEL Not available | 1 generation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for male reproduction | Not available | NOAEL NA | 28 days |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for male reproduction | Rat | NOAEL Not available | 28 days |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for development | Not available | NOAEL NA | during gestation |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | Not specified. | Not classified for development | Rat | NOAEL Not available | during gestation |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Dermal | Not classified for development | Rabbit | NOAEL 300 mg/kg/day | during organogenesis |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Ingestion | Not classified for development | Rat | NOAEL 1,000 mg/kg/day | during organogenesis |

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

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|------|-------|-----------------|-------|---------|-------------|-------------------|
|------|-------|-----------------|-------|---------|-------------|-------------------|

| | | | | | | |
|---|------------|------------------------|--|--|---------------------|--|
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | 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 |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Dermal | hematopoietic system | Not classified | Rabbit | NOAEL 534 mg/kg/day | 13 weeks |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Ingestion | endocrine system | Not classified | Rat | NOAEL 1,085 mg/kg | 90 days |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | Ingestion | blood liver kidney and/or bladder | Not classified | Rabbit | NOAEL 1,085 mg/kg/day | 13 weeks |

Aspiration Hazard

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

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

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 EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|---|-----------|---------------|-----------|----------|---------------|-------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Green algae | Estimated | 72 hours | EL50 | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Rainbow trout | Estimated | 96 hours | LL50 | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Water flea | Estimated | 48 hours | EL50 | >1,000 mg/l |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Green algae | Estimated | 72 hours | NOEL | 1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Green algae | Estimated | 72 hours | EL50 | >1,000 mg/l |

| | | | | | | |
|---|------------|------------------|--------------|------------|--------------------------------|--------------|
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Green algae | Estimated | 72 hours | EL50 | >1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Green algae | Estimated | 72 hours | NOEL | 1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Invertebrate | Estimated | 96 hours | LL50 | >10,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Rainbow trout | Estimated | 96 hours | LL50 | >1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Water flea | Estimated | 48 hours | EL50 | >1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Rainbow trout | Experimental | 96 hours | LL50 | >88,444 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Water flea | Experimental | 48 hours | EL50 | >1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Green algae | Estimated | 72 hours | NOEL | 1,000 mg/l |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Water flea | Experimental | 21 days | NOEL | 1 mg/l |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | 6197-30-4 | Activated sludge | Experimental | 30 minutes | NOEC | 1,000 mg/l |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | 6197-30-4 | Golden Orfe | Experimental | 96 hours | No tox obs at lmt of water sol | >100 mg/l |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | 6197-30-4 | Green algae | Experimental | 72 hours | No tox obs at lmt of water sol | >100 mg/l |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | 6197-30-4 | Water flea | Experimental | 48 hours | No tox obs at lmt of water sol | >100 mg/l |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | 6197-30-4 | Green algae | Experimental | 72 hours | No tox obs at lmt of water sol | >100 mg/l |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | 6197-30-4 | Water flea | Experimental | 21 days | NOEC | 0.00266 mg/l |
| Titanium dioxide | 13463-67-7 | Activated sludge | Experimental | 3 hours | NOEC | >=1,000 mg/l |
| Titanium dioxide | 13463-67-7 | Diatom | Experimental | 72 hours | EC50 | >10,000 mg/l |
| Titanium dioxide | 13463-67-7 | Fathead minnow | Experimental | 96 hours | LC50 | >100 mg/l |
| Titanium dioxide | 13463-67-7 | Water flea | Experimental | 48 hours | EC50 | >100 mg/l |
| Titanium dioxide | 13463-67-7 | Diatom | Experimental | 72 hours | NOEC | 5,600 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|-----------|-----------------------------|----------|------------|------------------|-------------------------------------|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Estimated Biodegradation | 28 days | BOD | 31.3 %BOD/Th BOD | OECD 301F - Manometric respirometry |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Estimated Biodegradation | 28 days | BOD | 31.3 %BOD/Th BOD | OECD 301F - Manometric respirometry |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Experimental Biodegradation | 28 days | BOD | 22 %BOD/ThB OD | OECD 301F - Manometric respirometry |

| | | | | | | |
|---|------------|-----------------------------------|---------|-----|---------------|---------------------|
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | 6197-30-4 | Experimental Biodegradation | 28 days | BOD | 0 %BOD/ThB OD | Non-standard method |
| Titanium dioxide | 13463-67-7 | Data not available - insufficient | N/A | N/A | N/A | N/A |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|---|------------|---|----------|------------------------|-------------|--|
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | 920-901-0 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics | 927-676-8 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| 2-Cyano-3,3-diphenyl-2-propenoic acid, 2-ethylhexyl ester | 6197-30-4 | Experimental BCF - Other | 28 days | Bioaccumulation factor | 887 | OECD 305E - Bioaccumulation flow-through fish test |
| Titanium dioxide | 13463-67-7 | Experimental BCF - Carp | 42 days | Bioaccumulation factor | 9.6 | Non-standard method |

12.4. Mobility in soil

No test data available.

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. Endocrine disrupting properties

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

12.7. 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.

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

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

EU waste code (product as sold)

120112* Spent waxes and fats

SECTION 14: Transportation information

IATA: UN1325; FLAMMABLE SOLID, ORGANIC, N.O.S.; (HYDROTREATED HEAVY NAPHTHA (PETROLEUM); HYDROTREATED LIGHT PETROLEUM DISTILLATE); 4.1; II.
 IMDG: UN1325; FLAMMABLE SOLID, ORGANIC, N.O.S.; (HYDROTREATED HEAVY NAPHTHA (PETROLEUM); HYDROTREATED LIGHT PETROLEUM DISTILLATE); 4.1; II; EMS: FA, SG.
 ADR: UN1325; FLAMMABLE SOLID, ORGANIC, N.O.S.; (HYDROTREATED HEAVY NAPHTHA (PETROLEUM); HYDROTREATED LIGHT PETROLEUM DISTILLATE); 4.1; II; (E); F1.

| | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|---|--|--|--|
| 14.1 UN number or ID number | UN1325 | UN1325 | UN1325 |
| 14.2 UN proper shipping name | FLAMMABLE SOLID, ORGANIC, N.O.S.(HYDROTREATED HEAVY NAPHTHA (PETROLEUM); HYDROTREATED LIGHT PETROLEUM DISTILLATES) | FLAMMABLE SOLID, ORGANIC, N.O.S.(HYDROTREATED HEAVY NAPHTHA (PETROLEUM); HYDROTREATED LIGHT PETROLEUM DISTILLATES) | FLAMMABLE SOLID, ORGANIC, N.O.S.(HYDROTREATED HEAVY NAPHTHA (PETROLEUM); HYDROTREATED LIGHT PETROLEUM DISTILLATES) |
| 14.3 Transport hazard class(es) | 4.1 | 4.1 | 4.1 |
| 14.4 Packing group | II | II | II |
| 14.5 Environmental hazards | Not Environmentally Hazardous | Not applicable | Not a Marine Pollutant |
| 14.6 Special precautions for user | 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. |
| 14.7 Marine Transport in bulk according to IMO instruments | No data available. | No data available. | No data available. |
| Control Temperature | No data available. | No data available. | No data available. |
| Emergency Temperature | No data available. | No data available. | No data available. |
| ADR Classification Code | F1 | Not applicable. | Not applicable. |
| IMDG Segregation Code | Not applicable. | Not applicable. | NONE |

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****Carcinogenicity****Ingredient**

Titanium dioxide

CAS Nbr

13463-67-7

ClassificationGrp. 2B: Possible human
carc.**Regulation**International Agency
for Research on Cancer**Global inventory status**

Contact manufacturer for more information The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this 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.

DIRECTIVE 2012/18/EU

Seveso hazard categories, Annex 1, Part 1
None

Seveso named dangerous substances, Annex 1, Part 2
None

Regulation (EU) No 649/2012

No chemicals listed

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. |
| H228 | Flammable solid. |
| H304 | May be fatal if swallowed and enters airways. |
| H351i | Suspected of causing cancer by inhalation. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Revision information:

Label: CLP Percent Unknown information was modified.
 Section 3: Composition/ Information of ingredients table information was modified.
 Section 8: Occupational exposure limit table information was modified.
 Section 9: Melting point information information was modified.
 Section 11: Acute Toxicity table information was modified.
 Section 11: Carcinogenicity Table information was modified.
 Section 11: Germ Cell Mutagenicity Table information was modified.
 Section 11: 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 added.
Section 11: Target Organs - Repeated Table information was deleted.
Section 12: Component ecotoxicity information information was modified.
Section 12: Mobility in soil information information was deleted.
Section 12: No Data text for mobility in soil information was added.
Section 12: Persistence and Degradability information information was modified.
Section 12: Bioaccumulative potential information information was modified.
Section 14 Classification Code – Regulation Data information was modified.
Section 14 Hazard Class + Sub Risk – Regulation Data information was modified.
Section 14 Hazardous/Not Hazardous for Transportation information was modified.
Section 14 Multiplier – Main Heading information was deleted.
Section 14 Multiplier – Regulation Data information was deleted.
Section 14 Other Dangerous Goods – Regulation Data information was modified.
Section 14 Packing Group – Regulation Data information was modified.
Section 14 Proper Shipping Name information was modified.
Section 14 Segregation – Regulation Data information was modified.
Section 14 Transport Category – Main Heading information was deleted.
Section 14 Transport Category – Regulation Data information was deleted.
Section 14 Marine transport in bulk according to IMO instruments – Main Heading information was modified.
Section 14 Tunnel Code – Main Heading information was deleted.
Section 14 Tunnel Code – Regulation Data information was deleted.
Section 14 UN Number Column data information was modified.
Section 14 UN Number information was modified.
Section 14: Transportation classification information was modified.
Section 15: Carcinogenicity information information was modified.
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material.
information was modified.
Section 2: No PBT/vPvB information available warning 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. United Kingdom SDSs are available at www.meguiars.co.uk