



## Safety Data Sheet

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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

G145, Ultimate Protectant (23-95A): G14512

#### 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:

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

#### Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

##### Indication of danger

Dangerous for the environment; R52/53

For full text of R phrases, see Section 16.

#### 2.2. Label elements

**G145, Ultimate Protectant (23-95A): G14512****CLP REGULATION (EC) No 1272/2008**

Not applicable

**SUPPLEMENTAL INFORMATION****Supplemental Hazard Statements:**

EUH210

Safety data sheet available on request.

EUH208

Contains Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. | Methyl(1,2,2,6,6-pentamethyl-4-piperidiny)sebacate. | Bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate. May produce an allergic reaction.

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive****Symbol(s)**

None.

**Contains:**

No ingredients are assigned to the label.

**Risk phrases**

R52/53

Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**Safety phrases**

S61

Avoid release to the environment. Refer to special instructions/safety data sheets.

**2.3. Other hazards**

None known.

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

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non-Hazardous Ingredients	Mixture		60 - 80	
Siloxanes and silicones, di-Me	63148-62-9		10 - 30	
White mineral oil (petroleum)	8042-47-5	EINECS 232-455-8	5 - 10	Xn:R65 (Self Classified) Asp. Tox. 1, H304 (Self Classified)
Acrylic Polymer	Trade Secret		1 - 5	
Zinc oxide	1314-13-2	EINECS 215-222-5	0.01 - 0.1	N:R50/53 (EU) Aquatic Acute 1, H400,M=10; Aquatic Chronic 1, H410,M=1 (CLP)
Methyl(1,2,2,6,6-pentamethyl-4-piperidiny)sebacate	82919-37-7	EINECS 280-060-4	0.01 - 0.1	N:R50/53; R43 (Self Classified) Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 (Self Classified)
Bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate	41556-26-7	EINECS 255-437-1	<= 0.1	N:R50/53; R43 (Self Classified) Skin Sens. 1A, H317; Aquatic

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				Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 (Self Classified)
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9		< 0.0015	T:R23-24-25; C:R34; N:R50/53; R43 (EU)  Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; Skin Corr. 1B, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=10; Aquatic Chronic 1, H410,M=10 (CLP)

Please see section 16 for the full text of any R phrases and H statements referred to in this section

Please refer to section 15 for the any applicable Notas that have been applied to the above components

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 with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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****Substance**

Formaldehyde  
Carbon monoxide.  
Carbon dioxide.  
Irritant vapours or gases.

**Condition**

During combustion.  
During combustion.  
During combustion.  
During combustion.

### 5.3. Advice for fire-fighters

No special protective actions for fire-fighters are anticipated.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. Observe precautions from other sections. 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

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

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

No special storage requirements.

### 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

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

#### 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**

None required.

**Skin/hand protection**

No chemical protective gloves are required.

**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.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid.
<b>Appearance/Odour</b>	Pleasant, sweet smell; Off-white liquid gel
<b>Odour threshold</b>	<i>No data available.</i>
<b>pH</b>	9 - 9.5
<b>Boiling point/boiling range</b>	<i>No data available.</i>
<b>Melting point</b>	<i>No data available.</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>Relative density</b>	0.964 [ <i>Ref Std:WATER=1</i> ]
<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>	5,000 - 7 Pa-s
<b>Density</b>	0.964 g/cm <sup>3</sup>

**9.2. Other information**

<b>Volatile organic compounds (VOC)</b>	0.6 % weight [ <i>Test Method:calculated per CARB title 2</i> ]
<b>Volatile organic compounds (VOC)</b>	10 g/l [ <i>Test Method:calculated SCAQMD rule 443.1</i> ]
<b>Percent volatile</b>	68.6 % weight
<b>VOC less H<sub>2</sub>O &amp; exempt solvents</b>	26 g/l [ <i>Test Method:calculated SCAQMD rule 443.1</i> ]

**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

None known.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

#### Substance

#### Condition

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

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

### 11.1 Information on Toxicological effects

#### Signs and Symptoms of Exposure

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

#### Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

#### Skin contact

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

#### Eye contact

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

#### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

#### Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

#### Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE >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
White mineral oil (petroleum)	Dermal	Rabbit	LD50 > 2,000 mg/kg
White mineral oil (petroleum)	Ingestion	Rat	LD50 > 5,000 mg/kg

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Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Ingestion	Rat	LD50 3,125 mg/kg
Zinc oxide	Dermal		LD50 estimated to be > 5,000 mg/kg
Zinc oxide	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.7 mg/l
Zinc oxide	Ingestion	Rat	LD50 > 5,000 mg/kg
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	Ingestion	Rat	LD50 3,125 mg/kg
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Dermal	Rabbit	LD50 87 mg/kg
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Inhalation-Dust/Mist (4 hours)	Rat	LC50 0.33 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Rat	LD50 40 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Siloxanes and silicones, di-Me	Rabbit	No significant irritation
White mineral oil (petroleum)	Rabbit	No significant irritation
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Rabbit	No significant irritation
Zinc oxide	Human and animal	No significant irritation
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	Rabbit	No significant irritation
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Rabbit	Corrosive

**Serious Eye Damage/Irritation**

Name	Species	Value
Siloxanes and silicones, di-Me	Rabbit	No significant irritation
White mineral oil (petroleum)	Rabbit	Mild irritant
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Rabbit	No significant irritation
Zinc oxide	Rabbit	Mild irritant
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	Rabbit	No significant irritation
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Rabbit	Corrosive

**Skin Sensitisation**

Name	Species	Value
White mineral oil (petroleum)	Guinea pig	Not sensitizing
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Guinea pig	Sensitising
Zinc oxide	Guinea pig	Some positive data exist, but the data are not sufficient for classification
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	Guinea pig	Sensitising
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Human and animal	Sensitising

**Photosensitisation**

Name	Species	Value
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Human and animal	Not sensitizing

**Respiratory Sensitisation**

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

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**Germ Cell Mutagenicity**

Name	Route	Value
White mineral oil (petroleum)	In Vitro	Not mutagenic
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	In Vitro	Not mutagenic
Zinc oxide	In Vitro	Some positive data exist, but the data are not sufficient for classification
Zinc oxide	In vivo	Some positive data exist, but the data are not sufficient for classification
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	In Vitro	Not mutagenic
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	In vivo	Not mutagenic
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	In Vitro	Some positive data exist, but the data are not sufficient for classification

**Carcinogenicity**

Name	Route	Species	Value
White mineral oil (petroleum)	Dermal	Mouse	Not carcinogenic
White mineral oil (petroleum)	Inhalation	Multiple animal species	Not carcinogenic
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Dermal	Mouse	Not carcinogenic
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Rat	Not carcinogenic

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration
White mineral oil (petroleum)	Ingestion	Not toxic to female reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks
White mineral oil (petroleum)	Ingestion	Not toxic to male reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks
White mineral oil (petroleum)	Ingestion	Not toxic to development	Rat	NOAEL 4,350 mg/kg/day	during gestation
Zinc oxide	Ingestion	Some positive reproductive/developmental data exist, but the data are not sufficient for classification	Multiple animal species	NOAEL 125 mg/kg/day	prematuring & during gestation
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Not toxic to female reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Not toxic to male reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Not toxic to 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
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure**



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Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
White mineral oil (petroleum)	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1,381 mg/kg/day	90 days
White mineral oil (petroleum)	Ingestion	liver   immune system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1,336 mg/kg/day	90 days
Zinc oxide	Ingestion	nervous system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 600 mg/kg/day	10 days
Zinc oxide	Ingestion	endocrine system   hematopoietic system   kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Other	NOAEL 500 mg/kg/day	6 months

**Aspiration Hazard**

Name	Value
White mineral oil (petroleum)	Aspiration hazard

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

**SECTION 12: Ecological information**

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

**12.1. Toxicity**

No product test data available.

Material	CAS Nbr	Organism	Type	Exposure	Test endpoint	Test result
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	Diatom	Experimental	72 hours	EC50	0.021 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	Water flea	Experimental	48 hours	EC50	0.18 mg/l
Bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate	41556-26-7	Fathead minnow	Estimated	96 hours	LC50	0.36 mg/l
Methyl(1,2,2,6,6-pentamethyl-4-	82919-37-7	Water flea	Experimental	24 hours	EC50	20 mg/l

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piperidinyl)seb acate						
Methyl(1,2,2,6,6-pentamethyl-4-piperidinyl)seb acate	82919-37-7	Zebra Fish	Experimental	96 hours	LC50	0.57 mg/l
White mineral oil (petroleum)	8042-47-5	Bluegill	Experimental	96 hours	Lethal Level 50%	>100 mg/l
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	Diatom	Experimental	72 hours	NOEC	0.01 mg/l
White mineral oil (petroleum)	8042-47-5	Water flea	Experimental	21 days	NOEC	>100 mg/l
Siloxanes and silicones, di-Me	63148-62-9		Data not available or insufficient for classification			
Zinc oxide	1314-13-2	Chinook Salmon	Experimental	96 hours	LC50	0.23 mg/l
Zinc oxide	1314-13-2	Water flea	Experimental	48 hours	EC50	3.2 mg/l
Zinc oxide	1314-13-2	Green Algae	Experimental	72 hours	EC50	0.046 mg/l
Zinc oxide	1314-13-2	Green Algae	Experimental	72 hours	NOEC	0.021 mg/l

**12.2. Persistence and degradability**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Siloxanes and silicones, di-Me	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Non-Hazardous Ingredients	Mixture	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate	41556-26-7	Estimated Biodegradation	28 days	BOD	32.8 % weight	OECD 301C - MITI test (I)
White mineral oil (petroleum)	8042-47-5	Experimental Biodegradation	28 days	CO2 evolution	0 % weight	OECD 301B - Modified sturm or CO2
Zinc oxide	1314-13-2	Data not	N/A	N/A	N/A	N/A

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		available or insufficient for classification				
Methyl(1,2,2,6,6-pentamethyl-4-piperidiny)sebacate	82919-37-7	Experimental Biodegradation	28 days	Dissolv. Organic Carbon Deplet	38 % weight	OECD 301E - Modified OECD Scre

**12.3 : Bioaccumulative potential**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Siloxanes and silicones, di-Me	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Non-Hazardous Ingredients	Mixture	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
White mineral oil (petroleum)	8042-47-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate	41556-26-7	Estimated Bioconcentration		Bioaccumulation factor	5.96	Estimated: Bioconcentration factor
Methyl(1,2,2,6,6-pentamethyl-4-piperidiny)sebacate	82919-37-7	Experimental Bioconcentration	56 days	Bioaccumulation factor	31	Other methods
Zinc oxide	1314-13-2	Experimental BCF - Other	56 days	Bioaccumulation factor	<217	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**

No information available at this time, contact manufacturer for more details

**12.6. Other adverse effects**

Material	CAS Nbr	Ozone Depletion Potential	Global Warming Potential
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Non-Hazardous Ingredients	Mixture	0	
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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

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

### EU waste code (product as sold)

20 01 28 Paint, inks, adhesives and resins other than those mentioned in 20 01 27

## SECTION 14: Transportation information

ADR: Not restricted for transport.

IMDG: Not restricted for transport.

IATA: Not restricted for transport.

## SECTION 15: Regulatory information

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

#### Global inventory status

Contact manufacturer for more information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA.

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**List of relevant R-phrases**

R23 Toxic by inhalation.  
R24 Toxic in contact with skin.  
R25 Toxic if swallowed.  
R34 Causes burns.  
R43 May cause sensitisation by skin contact.  
R50/53 Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.  
R52/53 Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.  
R65 Harmful: May cause lung damage if swallowed.

**Revision information:**

Revision Changes:

Section 01: 1.3. Details of the supplier of the safety data sheet heading information was modified.  
Section 16: List of relevant R phrase information information was modified.  
Section 3: Composition/ Information of ingredients table information was modified.  
Section 13: EU waste code (product as sold) information information was modified.  
Section 15: Regulations - Inventories information was modified.  
Section 1: Address information was modified.  
Copyright information was modified.  
Section 9: Flash point information information was modified.  
Section 9: Property description for optional properties information was modified.  
Section 11: Aspiration Hazard Table information was modified.  
Section 11: Acute Toxicity table information was modified.  
Section 11: Carcinogenicity Table information was modified.  
Section 11: Serious Eye Damage/Irritation Table information was modified.  
Section 11: Germ Cell Mutagenicity Table information was modified.  
Section 11: Skin Sensitization Table information was modified.  
Section 11: Reproductive Toxicity Table information was modified.  
Section 11: Skin Corrosion/Irritation Table information was modified.  
Section 11: Target Organs - Repeated Table information was modified.  
Section 11: Target Organs - Single Table information was modified.  
Section 5: Fire - Extinguishing media information information was modified.  
Section 5: Fire - Special hazards information information was modified.  
Section 5: Fire - Advice for fire fighters information information was modified.  
Section 6: Accidental release personal information information was modified.  
Section 6: Accidental release environmental information information was modified.  
Section 6: Accidental release clean-up information information was modified.  
Section 7: Precautions safe handling information information was modified.  
Section 8: Appropriate Engineering controls information information was modified.  
Section 8: Personal Protection - Skin/hand information information was modified.  
Section 13: 13.1. Waste disposal note information was modified.  
Section 13: Standard Phrase Category Waste GHS 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 8: Respiratory protection - recommended respirators information information was added.  
Risk phrase information was added.  
Safety phrase information was added.  
Section 8: Respiratory protection - recommended respirators guide information was added.  
Section 2: Indication of danger heading information was added.  
Section 2: Indication of danger information information was added.  
Section 8: Eye protection information information was added.  
Section 12: Other adverse effects table ODP column header information was added.  
Section 12: Other adverse effects table GWP column header information was added.  
Section 12: Component ecotoxicity information information was added.

Section 12: Persistence and Degradability information information was added.  
Section 12:Biocumulative potential information information was added.  
Section 12: Other Adverse effects heading information was added.  
Section 12: Component Ecotoxicity table Material column header information was added.  
Section 12: Component Ecotoxicity table CAS No column header information was added.  
Section 12: Component Ecotoxicity table Organism column header information was added.  
Section 12: Component Ecotoxicity table Type column header information was added.  
Section 12: Component Ecotoxicity table Exposure column header information was added.  
Section 12: Component Ecotoxicity table End point column header information was added.  
Section 12: Component Ecotoxicity table Result column header information was added.  
Section 12: Persistence and degradability table Material column header information was added.  
Section 12: Persistence and degradability table CAS No column header information was added.  
Section 12: Persistence and degradability table Test Type column header information was added.  
Section 12: Persistence and degradability table Duration column header information was added.  
Section 12: Persistence and degradability table Test Result column header information was added.  
Section 12: Persistence and degradability table Protocol column header information was added.  
Section 12:Biocumulative potential table Material column header information was added.  
Section 12:Biocumulative potential table CAS No column header information was added.  
Section 12:Biocumulative potential table CAS No column header information was added.  
Section 12:Biocumulative potential table Test Result column header information was added.  
Section 12:Biocumulative potential table Protocol column header information was added.  
Section 12:Other adverse effects table Material column header information was added.  
Section 12:Other adverse effects table CAS No column header information was added.  
Section 12:Biocumulative potential table Test Type column header information was added.  
Label: CLP Classification - Header information was added.  
Label: CLP Classification information was added.  
Label: CLP Supplemental Hazard Statements information was added.  
Label: CLP Supplemental Hazard Statements - Header information was added.  
Label: CLP Supplemental Information - Header information was added.  
Contains statement for sensitizers information was added.  
Contains statement for sensitizers information was added.  
Contains statement for sensitizers information was added.  
Section 11: Photosensitisation table - Name heading information was added.  
Section 11: Photosensitisation table heading information was added.  
Photosensitisation Table information was added.  
Section 11: Photosensitisation table - Species heading information was added.  
Section 11: Photosensitisation table - Value heading information was added.  
Section 2: 2.2 & 2.3. CLP REGULATION heading information was added.  
Section 8: Personal Protection - Respiratory Information information was added.  
Section 12: Persistence and degradability table Study Type column header information was added.  
Section 12:Biocumulative potential table Test Type column header information was added.  
Section 02: EU CLP 'Not applicable' text information was added.  
Section 10: Hazardous decomposition products during combustion text information was added.  
Section 11: Disclosed components not in tables text information was added.  
Section 12: Classification Warning information was added.  
Section 11: Classification disclaimer information was added.  
Section 11: Aspiration Hazard table - Name heading information was added.  
Section 11: Aspiration Hazard table - Value heading information was added.  
Section 8: 8.1.1 Biological limit values table heading information was added.  
Section 8: BLV information was added.  
Section 2: R phrase reference information was added.  
List of sensitizers information was added.  
Section 11: Respiratory Sensitization text information was added.  
Section 11: Skin Sensitization table - Name heading information was added.  
Section 11: Skin Sensitization table - Species heading information was added.  
Section 11: Skin Sensitization table - Value heading information was added.

Section 11: Serious Eye Damage/Irritation table - Name heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Species heading information was added.  
Section 11: Serious Eye Damage/Irritation table - Value heading information was added.  
Section 11: Skin Corrosion/Irritation table - Name heading information was added.  
Section 11: Skin Corrosion/Irritation table - Species heading information was added.  
Section 11: Skin Corrosion/Irritation table - Value heading information was added.  
Section 11: Germ Cell Mutagenicity table - Name heading information was added.  
Section 11: Germ Cell Mutagenicity table - Route heading information was added.  
Section 11: Germ Cell Mutagenicity table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Name heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Route heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Target Organ(s) heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Species heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Test Result heading information was added.  
Section 11: Specific Target Organ Toxicity - repeated exposure table - Exposure Duration heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Name heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Route heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Target Organ(s) heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Value heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Species heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Test Result heading information was added.  
Section 11: Specific Target Organ Toxicity - single exposure table - Exposure Duration heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Name heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Route heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Value heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Species heading information was added.  
Section 11: Reproductive and/or Developmental Effects table - Test Result heading information was added.  
Section 11: Reproductive and/or Developmental Effects text information was added.  
Section 11: Carcinogenicity table - Name heading information was added.  
Section 11: Carcinogenicity table - Route heading information was added.  
Section 11: Carcinogenicity table - Species heading information was added.  
Section 11: Carcinogenicity table - Value heading information was added.  
Section 8: Eye/face protection information information was deleted.  
Section 8: Skin protection - recommended gloves information information was deleted.  
Section 8: Eye/face protection text information was deleted.  
Section 8: Skin protection - protective clothing text information was deleted.  
Section 8: Skin protection - recommended gloves text information was deleted.  
Section 15: Symbol information information was deleted.  
Section 8: Respiratory protection information information was deleted.  
Section 2: Notes on labelling heading information was deleted.  
Section 2: Label remarks information was deleted.  
Prints No Data if Component ecotoxicity information is not present information was deleted.  
Prints No Data if Persistence and Degradability information is not present information was deleted.  
Prints No Data if Bioaccumulative potential information is not present information was deleted.  
Prints No Data if Adverse effects information is not present information was deleted.  
Section 11: Classification disclaimer information was deleted.  
Section 11: Exposure Duration table heading information was deleted.  
Section 11: Respiratory Sensitization Table information was deleted.  
Section 11: Test Result table heading information was deleted.  
Section 12: Classification Warning information was deleted.  
Section 8: Personal Protection - Eye information information was deleted.  
Section 2.1: Classification information information was deleted.  
Risk phrase - None information was deleted.

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.

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