# Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

# SAFETY DATA SHEET

Date of issue/Date of revision

: 20 December 2023 Version



: 1.02

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

1.1 Product identifier	
Product name	: PSX 700 BASE OEM AZURITE CRYS
Product code	: 00314660
Product type	: Liquid.
Other means of identification	: Not available.
1.2 Relevant identified use	s of the substance or mixture and uses advised against
Product use	: Professional applications, Used by spraying.
Use of the substance/ mixture	: Coating.
Uses advised against	: Product is not intended, labelled or packaged for consumer use.

# 1.3 Details of the supplier of the safety data sheet

PPG Coatings Belgium BV/SRL Tweemontstraat 104 B-2100 Deurne Belgium Telephone +32-33606311 Fax +32-33606435

e-mail address of person responsible for this SDS

: Product.Stewardship.EMEA@ppg.com

# 1.4 Emergency telephone number

Supplier

+31 20 4075210

# **SECTION 2: Hazards identification**

# 2.1 Classification of the substance or mixture

Product definition : Mixture Classification according to UK CLP/GHS Skin Sens. 1, H317 Aquatic Chronic 3, H412

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements Hazard pictograms



Signal word	: Warning
Hazard statements	: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.
Precautionary statements	

Prevention

: Wear protective gloves. Avoid release to the environment. Avoid breathing vapour.

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SECTION 2: H	lazards identification	on	
Response	: Take off conta plenty of wate	aminated clothing and wash it before reuse r.	. IF ON SKIN: Wash with
Storage	: Not applicable	9.	
Disposal	: Dispose of co	ntents and container in accordance with al	l local, regional, national

and international regulations.

Supplemental label elements	:	P280, P273, P261, P362 + P364, P302 + P352, P501 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	en	<u>ts</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	1	Not applicable.
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:	None known.

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

3.2 Mixtures : N	lixture			· ·
Product/ingredient name	Identifiers	%	Classification	Туре
4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	REACH #: 01-2119959495-22 EC: 500-070-7 CAS: 30583-72-3	≥25 - ≤50	Skin Sens. 1, H317 Aquatic Chronic 3, H412	[1]
Reaction mass of bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	REACH #: 01-2119491304-40 EC: 915-687-0 CAS: 1065336-91-5	≥0.30 - <2.5	Skin Sens. 1A, H317 Repr. 2, H361f Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1]
			See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. <u>Type</u>

[1] Substance classified with a health or environmental hazard

This mixture contains  $\geq$  1% of titanium dioxide. The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

Occupational exposure limits, if available, are listed in Section 8.

SUB codes represent substances without registered CAS Numbers.

**United Kingdom (UK)** 

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# **SECTION 4: First aid measures**

4.1 Description of first aid measures			
Eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.		
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.		
Skin contact	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.		
Ingestion	: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.		
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.		

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

Potential acute health eff	<u>iects</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/sy	<u>/mptoms</u>
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
4.3 Indication of any imm	nediate medical attention and special treatment needed
Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</li> </ul>
Specific treatments	: No specific treatment.

SECTION 5: Firefighting measures	5	
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5.1 Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
5.2 Special hazards arising	from the substance or mixture
Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides

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SECTION 5: Firefighting measures		

5.3 Advice for firefighters	
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# **SECTION 6: Accidental release measures**

6.1 Personal precautions, pro	otective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.
C 2 Motheda and material for	containment and cleaning up

## Methods and material for containment and cleaning up

Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

# **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

# 7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
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# **SECTION 7: Handling and storage**

Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### 7.3 Specific end use(s)

See Section 1.2 for Identified uses.

# **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### **Occupational exposure limits**

No exposure limit value known.

#### **Recommended monitoring procedures**: Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
4'- Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro- 2,3-epoxypropane	DNEL	Long term Dermal	0.021 mg/cm² skin	Workers	Local
	DNEL	Short term Dermal	0.23 mg/cm <sup>2</sup> skin	Workers	Local
	DNEL	Short term Dermal	21 ng/cm <sup>2</sup>	General population	Local
	DNEL	Long term Dermal	21 ng/cm <sup>2</sup>	General population	
	DNEL	Long term Dermal	21 ng/cm <sup>2</sup>	Workers	Local
	DNEL	Short term Dermal	0.23 mg/cm <sup>2</sup>	Workers	Local
	DNEL	Long term Oral	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	1 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	1 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	1.76 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	1.76 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	3.25 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Inhalation	3.52 mg/m <sup>3</sup>	Workers	Systemic

#### **PNECs**

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# SECTION 8: Exposure controls/personal protection

Product/ingredient name	Compartment Detail	Value	Method Detail
4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro- 2,3-epoxypropane	Fresh water	11.5 μg/l	Assessment Factors
_,,		11.5 µg/l 100 mg/l 0.229 mg/kg dwt 0.023 mg/kg dwt 0.099 mg/kg dwt	Assessment Factors Assessment Factors - Equilibrium Partitioning Equilibrium Partitioning

# 8.2 Exposure controls

Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection measu	<u>'es</u>
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection Skin protection	: Safety glasses with side shields.
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. butyl rubber
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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# **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance         Physical state       :       Liquid.         Colour       :       Various         Odour       :       Aromatic.         Odour threshold       :       Not available.         Melting point/freezing point       :       May start to solidify at the following temperature: -12.9°C (8.8°F) This is based o data for the following ingredient: 4.4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane.         Initial boiling point and       :       >37.78°C (>100°F)         boiling range       :       liquid         Upper/lower flammability or       :       Not available.         explosive limits       :       Closed cup: Not applicable.         Flash point       :       Closed cup: Not applicable.         Auto-ignition temperature:       :Not available.         pH       :       Not applicable.         viscosity       :       Kinematic (40°C): >21 mm²/s         Solubility(les)       :       Media         Result       cold water       Not soluble         Miscible with water       :       No.         Partition coefficient: n-octanol//       :       Not applicable.         water       :       1.47         Explosive properties       : <th>9.1 Information on basic physica</th> <th>l a</th> <th>nd chemical properties</th>	9.1 Information on basic physica	l a	nd chemical properties
Colour       : Various         Odour       : Aromatic.         Odour threshold       : Not available.         Melting point/freezing point       : May start to solidify at the following temperature: -12.9°C (8.8°F) This is based o data for the following ingredient: 4.4°-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane.         Initial boiling point and boiling range       : >37.78°C (>100°F)         Flammability (solid, gas)       : liquid         Upper/lower flammability or       : Not available.         explosive limits       : Closed cup: Not applicable.         Flash point       : Closed cup: Not applicable.         Auto-ignition temperature       : Not available.         pH       : Not applicable.         Not applicable. insoluble in water.       Viscosity         Solubility(ies)       :         Image:       :         Media       Result         cold water       : No.         Partition coefficient: n-octanol/       : Not applicable.         Water       : Not applicable.         Vapour pressure       : Not applicable.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible. <td< th=""><th><u>Appearance</u></th><th></th><th></th></td<>	<u>Appearance</u>		
Odour       : Aromatic.         Odour threshold       : Not available.         Melting point/freezing point       : May start to solidify at the following temperature: -12.9°C (8.8°F) This is based o data for the following ingredient: 4,4'-lsopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane.         Initial boiling point and boiling range       :>37.78°C (>100°F)         Flammability (solid, gas)       : liquid         Upper/lower flammability or explosive limits       : Not available.         Flash point       : Closed cup: Not applicable.         Auto-ignition temperature       : Not available.         pH       : Not applicable.         Not applicable.       Not applicable.         Not applicable.       Not applicable.         Viscosity       : Kinematic (40°C): >21 mm²/s         Solubility(ies)       :         Media       Result         cold water       Not applicable.         Max       : Not applicable.         water       : Not applicable.         Vapour pressure       : Not applicable.         water       : Not applicable.         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explo	Physical state	:	Liquid.
Odour threshold       : Not available.         Melting point/freezing point       : May start to solidify at the following temperature: -12.9°C (8.8°F) This is based o data for the following ingredient: 4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane.         Initial boiling point and boiling range       > 37.78°C (>100°F)         Flammability (solid, gas)       : liquid         Upper/lower flammability or explosive limits       : Not available.         Flash point       : Closed cup: Not applicable.         Auto-ignition temperature       : Not available.         pH       : Not applicable.         Viscosity       : Kinematic (40°C): >21 mm²/s         Solubility(ies)       :         Media       Result         cold water       Not soluble         Miscible with water       : Not applicable.         water       : Not applicable.         Vapour pressure       : Not applicable.         water       : Not applicable.         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.         Oxidising properties       : Product does not present an oxidizing hazard.	Colour	:	Various
Melting point/freezing point       : May start to solidify at the following temperature: -12.9°C (8.8°F) This is based o data for the following ingredient: 4,4'-lsopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane.         Initial boiling point and       : >37.78°C (>100°F)         boiling range       : liquid         Planmability (solid, gas)       : liquid         Upper/lower flammability or       : Not available.         explosive limits       : Closed cup: Not applicable.         Flash point       : Closed cup: Not applicable.         Auto-ignition temperature       : Not available.         pH       : Not applicable.         Not applicable.       Not applicable.         Not applicable.       Not applicable.         Viscosity       : Kinematic (40°C): >21 mm²/s         Solubility(ies)       :         Media       Result         cold water       Not soluble         Miscible with water       : No.         Partition coefficient: n-octanol/       : Not available.         water       Vapour pressure       : Not available.         Yapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or du	Odour	:	Aromatic.
data for the following ingredient: 4,4'-Isôpropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane.         Initial boiling point and boiling range       : >37.78°C (>100°F)         Flammability (solid, gas)       : liquid         Upper/lower flammability or       : Not available.         explosive limits       : Closed cup: Not applicable.         Flash point       : Closed cup: Not applicable.         Auto-ignition temperature       : Not available.         pH       : Not applicable.         Not applicable.       Not applicable.         Not applicable.       Not applicable.         Viscosity       : Kinematic (40°C): >21 mm²/s         Solubility(ies)       :         Media       Result         cold water       Not soluble         Miscible with water       : No.         Partition coefficient: n-octanol/       : Not available.         water       Vaour pressure       : Not available.         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.         Oxidising properties       : Product does not present an oxidizing hazard.         Particle characteris	Odour threshold	:	Not available.
boiling range       Flammability (solid, gas)       : liquid         Upper/lower flammability or       : Not available.         explosive limits       :       Closed cup: Not applicable.         Flash point       :       Closed cup: Not applicable.         Auto-ignition temperature       : Not available.         pH       : Not applicable.         Not applicable.       Not applicable.         Viscosity       :       Kinematic (40°C): >21 mm²/s         Solubility(ies)       :       ************************************	Melting point/freezing point	:	data for the following ingredient: 4,4'-Isopropylidenedicyclohexanol, oligomeric
Upper/lower flammability or explosive limits       : Not available.         Flash point       : Closed cup: Not applicable.         Auto-ignition temperature pH       : Not available.         pH       : Not applicable. insoluble in water.         Viscosity       : Kinematic (40°C): >21 mm²/s         Solubility(ies)       :         Media       Result         cold water       Not soluble         Miscible with water       : No.         Partition coefficient: n-octanol/       : Not available.         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.         Oxidising properties       : Product does not present an oxidizing hazard.		:	>37.78°C (>100°F)
explosive limits         Flash point       : Closed cup: Not applicable.         Auto-ignition temperature       : Not available.         pH       : Not applicable.         Not applicable. insoluble in water.         Viscosity       : Kinematic (40°C): >21 mm²/s         Solubility(ies)       :         Media       Result         cold water       Not soluble         Miscible with water       : No.         Partition coefficient: n-octanol/       : Not applicable.         water       Vapour pressure         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.         Oxidising properties       : Product does not present an oxidizing hazard.         Particle characteristics       : Product does not present an oxidizing hazard.	Flammability (solid, gas)	:	liquid
Auto-ignition temperature       : Not available.         pH       : Not applicable.         Not applicable. insoluble in water.         Viscosity       : Kinematic (40°C): >21 mm²/s         Solubility(ies)       :         Media       Result         cold water       Not soluble         Miscible with water       : No.         Partition coefficient: n-octanol/       : Not available.         water       Vapour pressure         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.         Oxidising properties       : Product does not present an oxidizing hazard.         Particle characteristics       : Product does not present an oxidizing hazard.		:	Not available.
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Not applicable. insoluble in water.         Viscosity       :         Kinematic (40°C): >21 mm²/s         Solubility(ies)       :         Media       Result         cold water       Not soluble         Miscible with water       :         Not soluble         Miscible with water       :         No.         Partition coefficient: n-octanol/       :         Not applicable.         water         Vapour pressure       :         Relative density       :         1.47         Explosive properties       :         Coxidising properties       :         Product does not present an oxidizing hazard.         Particle characteristics	Auto-ignition temperature	:	Not available.
Viscosity       : Kinematic (40°C): >21 mm²/s         Solubility(ies)       :         Media       Result         cold water       Not soluble         Miscible with water       : No.         Partition coefficient: n-octanol/       : Not applicable.         water       Vapour pressure         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.         Oxidising properties       : Product does not present an oxidizing hazard.	рН	:	Not applicable.
Solubility(ies)       :         Media       Result         cold water       Not soluble         Miscible with water       : No.         Partition coefficient: n-octanol/       : Not applicable.         water       Vapour pressure         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.         Oxidising properties       : Product does not present an oxidizing hazard.			••
Media       Result         cold water       Not soluble         Miscible with water       : No.         Partition coefficient: n-octanol/       : Not applicable.         water       Vapour pressure         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.         Oxidising properties       : Product does not present an oxidizing hazard.	Viscosity	:	Kinematic (40°C): >21 mm²/s
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Miscible with water       : No.         Partition coefficient: n-octanol/       : Not applicable.         water       : Not available.         Vapour pressure       : Not available.         Relative density       : 1.47         Explosive properties       : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.         Oxidising properties       : Product does not present an oxidizing hazard.	Media		Result
Partition coefficient: n-octanol/ water: Not applicable.Vapour pressure Relative density: Not available.Explosive properties: 1.47Explosive properties: The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.Oxidising properties 	cold water		Not soluble
waterVapour pressure: Not available.Relative density: 1.47Explosive properties: The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.Oxidising properties: Product does not present an oxidizing hazard.Particle characteristics	Miscible with water	:	No.
Relative density: 1.47Explosive properties: The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.Oxidising properties Particle characteristics: Product does not present an oxidizing hazard.		:	Not applicable.
Explosive properties: The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.Oxidising properties Particle characteristics: Product does not present an oxidizing hazard.	Vapour pressure	:	Not available.
Oxidising properties: Product does not present an oxidizing hazard.Particle characteristics	Relative density	:	1.47
Particle characteristics	Explosive properties	:	
	· · · ·	:	Product does not present an oxidizing hazard.
		:	Not applicable.

# **SECTION 10: Stability and reactivity**

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.	
10.2 Chemical stability	: The product is stable.	
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	
10.4 Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition produce Refer to protective measures listed in sections 7 and 8.	ıcts.
10.5 Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.	

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# SECTION 10: Stability and reactivity

**10.6 Hazardous** 

decomposition products

: Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

# **Acute toxicity**

Result	Species	Dose	Exposure
LD50 Dermal	Rat	>3170 mg/kg	-
LD50 Oral	Rat - Male, Female	3230 mg/kg	-
	LD50 Dermal	LD50 Dermal Rat LD50 Oral Rat - Male,	LD50 Dermal Rat >3170 mg/kg LD50 Oral Rat - Male, 3230 mg/kg

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Reaction mass of bis(1,2,2,6,6-pentamethyl- 4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	3230	N/A	N/A	N/A	N/A

Irritation/Corrosion

Irritation/Corrosion	
<b>Conclusion/Summary</b>	: Not available.
Skin	: There are no data available on the mixture itself.
Eyes	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
<u>Sensitisation</u>	
<b>Conclusion/Summary</b>	
Skin	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
<u>Mutagenicity</u>	
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
Carcinogenicity	
	e carcinogenic hazard of this product arises when respirable dust is inhaled in quantities ment of particle clearance mechanisms in the lung.
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
Reproductive toxicity	
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
<b>Teratogenicity</b>	
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
Specific target organ toxic	<u>city (single exposure)</u>
Not available.	
Specific target organ toxic	city (repeated exposure)
Not available.	
Aspiration hazard	
Aspiration nazaru	

Not available.

#### Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

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# **SECTION 11: Toxicological information**

Information on likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	1	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	May cause an allergic skin reaction.
Ingestion	1	No known significant effects or critical hazards.
Symptoms related to the phy	sic	cal, chemical and toxicological characteristics
Eye contact	1	No specific data.
Inhalation	:	No specific data.
Skin contact	:	Adverse symptoms may include the following: irritation redness
Ingestion	1	No specific data.
Delayed and immediate effec Short term exposure	<u>ts</u>	as well as chronic effects from short and long-term exposure
Potential immediate effects	:	Not available.
Potential delayed effects	1	Not available.
Long term exposure Potential immediate effects	:	Not available.

Potential delayed effects	: Not available.
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# Potential chronic health effects

Not available.

Conclusion/Summary<br/>General: Not available.Conce sensitized, a severe allergic reaction may occur when subsequently exposed<br/>to very low levels.Carcinogenicity<br/>Mutagenicity<br/>Reproductive toxicity: No known significant effects or critical hazards.No known significant effects or critical hazards.<br/>: No known significant effects or critical hazards.

#### Other information

: Not available.

# **SECTION 12: Ecological information**

# 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
4,4'- Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro- 2,3-epoxypropane	LC50 11.5 mg/l	Fish - Trout	96 hours
Reaction mass of bis (1,2,2,6,6-pentamethyl- 4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl- 4-piperidyl sebacate	EC50 1.68 mg/l	Algae	72 hours
English (GB)	United	I Kingdom (UK)	9/1

# Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

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SECTION 12: Ecolo	ogical information	on	
	LC50 0.9 mg/l	Fish	96 hours
Conclusion/Summary	: Not available.		
12.2 Persistence and degr	adability		
Conclusion/Summary	: Not available.		
12.3 Bioaccumulative pote	ential		
Not available.			
12.4 Mobility in soil			
Soil/water partition coefficient (Koc)	: Not available.		
Mobility	: Not available.		

## 12.5 Results of PBT and vPvB assessment

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

# **12.6 Other adverse effects** : No known significant effects or critical hazards.

# **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 13.1 Waste treatment methods

Product		
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.	
Hazardous waste	: Yes.	
Waste catalogue		
Waste code	Waste designation	
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances	
Packaging	<u></u>	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.	
Type of packaging	Waste catalogue	
Container	15 01 06 mixed packaging	
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of	

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# **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	9006	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	-	-
14.3 Transport hazard class(es)	-	9	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	Yes.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.	Not applicable.

# **Additional information**

ADR/RID	: None identified.
	The survey denset is a sub-

ADN :	The product is	only regulated as a	a dangerous good w	hen transported in tank vesse	els.
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- IMDG : None identified.
- IATA : None identified.

14.6 Special precautions for	Transport within user's premises: always transport in closed containers that are
user	upright and secure. Ensure that persons transporting the product know what to do in
	the event of an accident or spillage.

# 14.7 Transport in bulk : Not available. according to IMO instruments

# **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>UK (GB)/REACH</u>

Annex XIV - List of substances subject to authorisation

## Annex XIV

None of the components are listed.

## Substances of very high concern

None of the components are listed.

## **Ozone depleting substances**

Not listed.

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

## Seveso Directive

This product is not controlled under the Seveso Directive.

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# **SECTION 16: Other information**

Indicates information tha	t has changed from	previously issued version.	

Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and
	Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019
	No. 720 and amendments
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = GB CLP-specific Hazard statement
	N/A = Not available
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	SGG = Segregation Group
	vPvB = Very Persistent and Very Bioaccumulative

#### Procedure used to derive the classification

Classification	Justification
Skin Sens. 1, H317	Calculation method
Aquatic Chronic 3, H412	Calculation method

#### Full text of abbreviated H statements

<b>H</b> 317	May cause an allergic skin reaction.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Full text of classifications	

Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Repr. 2	REPRODUCTIVE TOXICITY - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
History	

Date of issue/ Date of revision	: 20 December 2023
Date of previous issue	: 18 August 2023
Prepared by	: EHS
Version	: 1.02

# <u>Disclaimer</u>

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