

# SAFETY DATA SHEET



Date of issue/Date of revision : 21 October 2023 Version : 1.01

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

### 1.1 Product identifier

**Product name** : PSX 892HS GRAY  
**Product code** : 00336190  
**Product description** :  
**Product type** : Liquid.  
**Other means of identification** : Not available.

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

**Product use** : Industrial 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**

Flam. Liq. 3, H226  
Eye Irrit. 2, H319  
Skin Sens. 1, H317  
Carc. 1B, H350  
STOT RE 1, H372  
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** : Danger

Code : 00336190  
PSX 892HS GRAY

Date of issue/Date of revision : 21 October 2023

**SECTION 2: Hazards identification**

**Hazard statements** : Flammable liquid and vapour.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause cancer.  
Causes damage to organs through prolonged or repeated exposure.  
Harmful to aquatic life with long lasting effects.

**Precautionary statements**

**Prevention** : Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapour.

**Response** : IF exposed or concerned: Get medical advice or attention.

**Storage** : Not applicable.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.  
P202, P280, P210, P260, P308 + P313, P501

**Supplemental label elements** : 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** : Restricted to professional users.

**Special packaging requirements**

**Containers to be fitted with child-resistant fastenings** : Not applicable.

**Tactile warning of danger** : 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** : Prolonged or repeated contact may dry skin and cause irritation.

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

Mixture

**3.2 Mixtures**

Product/ingredient name	Identifiers	%	Classification	Type
Stoddard solvent Nota(s) P	EC: 232-489-3 CAS: 8052-41-3 Index: 649-345-00-4	≥10 - ≤25	Eye Irrit. 2, H319 STOT RE 1, H372 (central nervous system (CNS)) Asp. Tox. 1, H304	[1]
N-(3-(trimethoxysilyl)propyl) ethylenediamine	EC: 217-164-6 CAS: 1760-24-3	≥1.0 - <3.0	Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335	[1]
Solvent naphtha (petroleum), light aliph. Nota(s) P	EC: 265-192-2 CAS: 64742-89-8 Index: 649-267-00-0	≥1.0 - ≤5.0	Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304	[1]
1-methoxy-2-propanol	REACH #: 01-2119457435-35 EC: 203-539-1 CAS: 107-98-2	≥1.0 - ≤5.0	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]

Code : 00336190

Date of issue/Date of revision

: 21 October 2023

PSX 892HS GRAY

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

2-methoxy-1-methylethyl acetate	Index: 603-064-00-3 REACH #: 01-2119475791-29 EC: 203-603-9 CAS: 108-65-6	≥1.0 - ≤4.6	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]
tetraethyl silicate	Index: 607-195-00-7 REACH #: 01-2119496195-28 EC: 201-083-8 CAS: 78-10-4	≥1.0 - ≤4.8	Flam. Liq. 3, H226 Acute Tox. 4, H332 Eye Irrit. 2, H319 STOT SE 3, H335	[1] [2]
Hydrocarbons, C9, aromatics > 0.1% cumene	Index: 014-005-00-0 REACH #: 01-2119455851-35 EC: 918-668-5 CAS: 64742-95-6	≥1.0 - ≤3.4	Flam. Liq. 3, H226 Carc. 1B, H350 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	[1]
1,2-Ethanediamine, N,N-bis[3-(trimethoxysilyl)propyl]-	CAS: 74956-86-8	≤0.30	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317	[1]
dibutyltin dilaurate	REACH #: 01-2119496068-27 EC: 201-039-8 CAS: 77-58-7 Index: 050-030-00-3	<0.30	Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1B, H360FD STOT SE 1, H370 (thymus) STOT RE 1, H372 (immune system) (oral) Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1] [2]
butanone oxime	REACH #: 01-2119539477-28 EC: 202-496-6 CAS: 96-29-7 Index: 616-014-00-0	≤0.30	Acute Tox. 3, H301 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 1B, H350 STOT SE 1, H370 (upper respiratory tract) STOT SE 3, H336 STOT RE 2, H373 (blood system)	[1]
proprietary oligomers of aminoalkylmethoxysilanes	CAS: SUB128800	≤0.30	Eye Dam. 1, H318 Skin Sens. 1, H317	[1]
Fatty acids, C9-13-neo-, cobalt salts	EC: 273-293-8 CAS: 68955-83-9	≤0.30	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 Repr. 2, H361f STOT SE 3, H335	[1] [2]
			<b>See Section 16 for the full text of the H statements declared above.</b>	

Code : 00336190  
PSX 892HS GRAY

Date of issue/Date of revision : 21 October 2023

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

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.

Type

- [1] Substance classified with a health or environmental hazard  
[2] Substance with a workplace exposure limit

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.**

**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. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
dryness  
cracking
- Ingestion** : No specific data.

**4.3 Indication of any immediate medical attention and special treatment needed**

- Notes to physician** : 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.
- Specific treatments** : No specific treatment.

**Code** : 00336190  
**PSX 892HS GRAY**

**Date of issue/Date of revision** : 21 October 2023

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

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

**Hazards from the substance or mixture** : Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. 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  
 halogenated compounds  
 metal oxide/oxides  
 Formaldehyde.

### 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**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, protective 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. 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.

### 6.3 Methods and material for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.

Code : 00336190  
PSX 892HS GRAY

Date of issue/Date of revision : 21 October 2023

**SECTION 6: Accidental release measures**

- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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 spilled 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. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be stored in purpose-built containers or in metal containers with tight-fitting, self-closing lids. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.
- 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**

Do not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. 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.

**Code** : 00336190  
**PSX 892HS GRAY**

**Date of issue/Date of revision** : 21 October 2023

## 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

Product/ingredient name	Exposure limit values
<input checked="" type="checkbox"/> -methoxy-2-propanol  2-methoxy-1-methylethyl acetate  tetraethyl silicate  dibutyltin dilaurate  Fatty acids, C9-13-neo-, cobalt salts	<p><b>EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.</b>                      STEL: 560 mg/m<sup>3</sup> 15 minutes.                      STEL: 150 ppm 15 minutes.                      TWA: 375 mg/m<sup>3</sup> 8 hours.                      TWA: 100 ppm 8 hours.</p> <p><b>EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.</b>                      STEL: 548 mg/m<sup>3</sup> 15 minutes.                      STEL: 100 ppm 15 minutes.                      TWA: 274 mg/m<sup>3</sup> 8 hours.                      TWA: 50 ppm 8 hours.</p> <p><b>EH40/2005 WELs (United Kingdom (UK), 1/2020).</b>                      TWA: 44 mg/m<sup>3</sup> 8 hours.                      TWA: 5 ppm 8 hours.</p> <p><b>EH40/2005 WELs (United Kingdom (UK), 1/2020). [tin compounds, organic, except cyhexatin (ISO) as Sn] Absorbed through skin.</b>                      STEL: 0.2 mg/m<sup>3</sup>, (as Sn) 15 minutes.                      TWA: 0.1 mg/m<sup>3</sup>, (as Sn) 8 hours.</p> <p><b>EH40/2005 WELs (United Kingdom (UK), 1/2020). [cobalt and cobalt compounds as Co] Inhalation sensitiser.</b>                      TWA: 0.1 mg/m<sup>3</sup>, (as Co) 8 hours.</p>
Product/ingredient name	Exposure indices

**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	Type	Exposure	Value	Population	Effects
<input checked="" type="checkbox"/> doddard solvent Nota(s) P  N-(3-(trimethoxysilyl)propyl) ethylenediamine	DNEL	Long term Dermal	3.78 mg/cm <sup>2</sup>	General population	Local
	DNEL	Long term Dermal	7.56 mg/cm <sup>2</sup>	Workers	Local
	DNEL	Long term Oral	10.56 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	22 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	22 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Short term Dermal	30 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	40 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	44 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term Inhalation	44 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Oral	50 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	55 mg/m <sup>3</sup>	General population	Local
	DNEL	Short term Inhalation	55 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Short term Inhalation	55 mg/m <sup>3</sup>	Workers	Local
	DNEL	Short term Inhalation	55 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Dermal	60 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	80 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.1 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	0.6 mg/m <sup>3</sup>	Workers	Local
	DNEL	Short term Inhalation	4 mg/m <sup>3</sup>	General population	Local
	DNEL	Short term Inhalation	5.36 mg/m <sup>3</sup>	Workers	Local
DNEL	Short term Inhalation	50 mg/m <sup>3</sup>	General population	Systemic	
DNEL	Short term Inhalation	260 mg/m <sup>3</sup>	Workers	Systemic	

<b>Code</b> : 00336190	<b>Date of issue/Date of revision</b> : 21 October 2023
<b>PSX 892HS GRAY</b>	

### SECTION 8: Exposure controls/personal protection

Solvent naphtha (petroleum), light aliph. Nota(s) P	DNEL	Long term Oral	8 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Inhalation	50 mg/m <sup>3</sup>	General population	Systemic	
	DNEL	Long term Inhalation	260 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Long term Inhalation	0.41 mg/m <sup>3</sup>	General population	Systemic	
1-methoxy-2-propanol	DNEL	Long term Inhalation	1.9 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Long term Inhalation	178.57 mg/m <sup>3</sup>	General population	Local	
	DNEL	Short term Inhalation	640 mg/m <sup>3</sup>	General population	Local	
	DNEL	Long term Inhalation	837.5 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Short term Inhalation	1066.67 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Short term Inhalation	1152 mg/m <sup>3</sup>	General population	Systemic	
	DNEL	Short term Inhalation	1286.4 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Long term Oral	33 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Inhalation	43.9 mg/m <sup>3</sup>	General population	Systemic	
	DNEL	Long term Dermal	78 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	183 mg/kg bw/day	Workers	Systemic	
	DNEL	Long term Inhalation	369 mg/m <sup>3</sup>	Workers	Systemic	
2-methoxy-1-methylethyl acetate	DNEL	Short term Inhalation	553.5 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Short term Inhalation	553.5 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Long term Inhalation	33 mg/m <sup>3</sup>	General population	Local	
	DNEL	Long term Inhalation	33 mg/m <sup>3</sup>	General population	Local	
	DNEL	Long term Oral	36 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Inhalation	275 mg/m <sup>3</sup>	Workers	Systemic	
tetraethyl silicate	DNEL	Long term Dermal	320 mg/kg bw/day	General population	Systemic	
	DNEL	Short term Inhalation	550 mg/m <sup>3</sup>	Workers	Local	
	DNEL	Long term Dermal	796 mg/kg bw/day	Workers	Systemic	
	DNEL	Short term Dermal	3 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	3 mg/kg bw/day	General population	Systemic	
	DNEL	Short term Inhalation	14 mg/m <sup>3</sup>	General population	Local	
	DNEL	Long term Inhalation	14 mg/m <sup>3</sup>	General population	Local	
	DNEL	Short term Inhalation	14 mg/m <sup>3</sup>	General population	Systemic	
	DNEL	Long term Inhalation	14 mg/m <sup>3</sup>	General population	Systemic	
	DNEL	Short term Dermal	56 mg/kg bw/day	Workers	Systemic	
	DNEL	Long term Dermal	56 mg/kg bw/day	Workers	Systemic	
	DNEL	Long term Inhalation	150 mg/m <sup>3</sup>	Workers	Systemic	
	Hydrocarbons, C9, aromatics > 0.1% cumene	DNEL	Long term Dermal	25 mg/kg bw/day	Workers	Systemic
		DNEL	Long term Inhalation	32 mg/m <sup>3</sup>	General population	Systemic
DNEL		Long term Dermal	11 mg/kg bw/day	General population	Systemic	
DNEL		Long term Oral	11 mg/kg bw/day	General population	Systemic	
DNEL		Short term Dermal	2.08 mg/kg bw/day	Workers	Systemic	
DNEL		Short term Dermal	0.5 mg/kg bw/day	General population	Systemic	
DNEL		Long term Oral	0.0031 mg/kg bw/day	General population	Systemic	
DNEL		Long term Inhalation	0.0046 mg/m <sup>3</sup>	General population	Systemic	
DNEL		Short term Inhalation	0.059 mg/m <sup>3</sup>	Workers	Systemic	
DNEL		Short term Dermal	0.5 mg/kg bw/day	General population	Systemic	
dibutyltin dilaurate	DNEL	Short term Oral	0.02 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Inhalation	0.02 mg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Short term Inhalation	0.04 mg/m <sup>3</sup>	General population	Systemic	
	DNEL	Long term Dermal	0.16 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Dermal	0.43 mg/kg bw/day	Workers	Systemic	
	DNEL	Short term Dermal	2.08 mg/kg bw/day	Workers	Systemic	
	DMEL	Long term Oral	1.6 µg/kg bw/day	General population	Systemic	
	DMEL	Long term Dermal	4 µg/kg bw/day	Workers	Systemic	
	DMEL	Long term Inhalation	4.82 µg/m <sup>3</sup>	General population	Systemic	
	DMEL	Long term Inhalation	28 µg/m <sup>3</sup>	Workers	Systemic	
	DNEL	Long term Inhalation	0.43 mg/m <sup>3</sup>	General population	Local	
	DNEL	Long term Inhalation	0.9 mg/m <sup>3</sup>	Workers	Local	

[PNECs](#)



<b>Code</b> : 00336190	<b>Date of issue/Date of revision</b> : 21 October 2023
<b>PSX 892HS GRAY</b>	

## SECTION 8: Exposure controls/personal protection

Product/ingredient name	Compartment Detail	Value	Method Detail
1-methoxy-2-propanol	Fresh water	10 mg/l	Assessment Factors
	Marine water	1 mg/l	Assessment Factors
	Sewage Treatment Plant	100 mg/l	Assessment Factors
	Fresh water sediment	41.6 mg/kg	Equilibrium Partitioning
	Marine water sediment	4.17 mg/kg	Equilibrium Partitioning
2-methoxy-1-methylethyl acetate	Soil	2.47 mg/kg	Equilibrium Partitioning
	Fresh water	0.635 mg/l	-
	Marine water	0.0635 mg/l	-
	Fresh water sediment	3.29 mg/kg	-
	Marine water sediment	0.329 mg/kg	-
dibutyltin dilaurate	Soil	0.29 mg/kg	-
	Sewage Treatment Plant	100 mg/l	-
	Fresh water	0.000463 mg/l	Assessment Factors
	Fresh water sediment	0.05 mg/kg	-
	Marine water sediment	0.005 mg/kg	-
butanone oxime	Soil	0.0407 mg/kg	-
	Sewage Treatment Plant	100 mg/l	Assessment Factors
	Marine water	0.0000463 mg/l	Assessment Factors
	Fresh water	0.256 mg/l	Assessment Factors
	Sewage Treatment Plant	177 mg/l	Assessment Factors

### 8.2 Exposure controls

#### Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

#### Individual protection measures

##### 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

: Chemical splash goggles.

##### Skin protection

##### 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. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Code : 00336190  
PSX 892HS GRAY

Date of issue/Date of revision : 21 October 2023

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

- 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.

**SECTION 9: Physical and chemical properties**

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

**9.1 Information on basic physical and chemical properties****Appearance**

- Physical state** : Liquid.
- Colour** : Grey.
- Odour** : Characteristic.
- Odour threshold** : Not available.
- Melting point/freezing point** : May start to solidify at the following temperature: <-60°C (<-76°F) This is based on data for the following ingredient: Solvent naphtha (petroleum), light aliph.. Weighted average: -76.92°C (-106.5°F)
- Initial boiling point and boiling range** : >37.78°C (>100°F)
- Flammability (solid, gas)** : liquid
- Upper/lower flammability or explosive limits** : Greatest known range: Lower: 1.3% Upper: 23% (tetraethyl silicate)
- Flash point** : Closed cup: 32.78°C (91°F)
- Auto-ignition temperature** :

Ingredient name	°C	°F	Method
stoddard solvent Nota(s) P	230 to 240	446 to 464	

- Decomposition temperature** :
- pH** : Not applicable.  
Not applicable. insoluble in water.
- Viscosity** : Kinematic (40°C): >21 mm<sup>2</sup>/s
- Solubility(ies)** :

Media	Result
cold water	Not soluble

- Solubility in water** : 6.7 g/l
- Miscible with water** : No.
- Partition coefficient: n-octanol/water** : Not applicable.
- Vapour pressure** : 1.9 kPa (14.2 mm Hg)
- Evaporation rate** : 1.04 (butyl acetate = 1)
- Relative density** : 1.32

Code : 00336190  
PSX 892HS GRAY

Date of issue/Date of revision : 21 October 2023

**SECTION 9: Physical and chemical properties**

- Vapour density** : Highest known value: 7.22 (Air = 1) (tetraethyl silicate). Weighted average: 4.74 (Air = 1)
- 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**
- Median particle size** : 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 products. Refer to protective measures listed in sections 7 and 8.
- 10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
- 10.6 Hazardous decomposition products** : Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides halogenated compounds Formaldehyde. metal oxide/oxides

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Stoddard solvent Nota(s) P N-(3-(trimethoxysilyl)propyl) ethylenediamine	LD50 Oral	Rat	>5 g/kg	-
	LD50 Dermal	Rabbit	>2000 mg/kg	-
Solvent naphtha (petroleum), light aliph. Nota (s) P	LD50 Oral	Rat	2413 mg/kg	-
	LC50 Inhalation Vapour	Rat	>20 mg/l	4 hours
1-methoxy-2-propanol	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
	LC50 Inhalation Vapour	Rat	>7000 ppm	6 hours
	LD50 Dermal	Rabbit	13 g/kg	-
2-methoxy-1-methylethyl acetate	LD50 Oral	Rat	5.2 g/kg	-
	LC50 Inhalation Vapour	Rat	30 mg/l	4 hours
	LD50 Dermal	Rabbit	>5 g/kg	-
tetraethyl silicate	LD50 Oral	Rat	6190 mg/kg	-
	LC50 Inhalation Dusts and mists	Rat	10 to 16 mg/l	4 hours
	LD50 Dermal	Rabbit	5.878 g/kg	-
	LD50 Oral	Rat	6270 mg/kg	-
Hydrocarbons, C9, aromatics > 0.1% cumene	LD50 Dermal	Rabbit	>3160 mg/kg	-
	LD50 Oral	Rat - Female	3492 mg/kg	-
	LD50 Dermal	Rat	2071 mg/kg	-
dibutyltin dilaurate	LD50 Oral	Rat	2071 mg/kg	-
	LD50 Dermal	Rabbit	1100 mg/kg	-

Code : 00336190  
PSX 892HS GRAY

Date of issue/Date of revision : 21 October 2023

**SECTION 11: Toxicological information**

	LD50 Oral	Rat	100 mg/kg	-
--	-----------	-----	-----------	---

**Conclusion/Summary** : There are no data available on the mixture itself.**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)
PSX 892HS GRAY	63766.7	N/A	N/A	986.4	N/A
N-(3-(trimethoxysilyl)propyl)ethylenediamine	2413	N/A	N/A	N/A	N/A
1-methoxy-2-propanol	5200	13000	N/A	N/A	N/A
2-methoxy-1-methylethyl acetate	6190	N/A	N/A	30	N/A
tetraethyl silicate	6270	5878	N/A	11	N/A
Hydrocarbons, C9, aromatics > 0.1% cumene	3492	N/A	N/A	N/A	N/A
dibutyltin dilaurate	2071	N/A	N/A	N/A	N/A
butanone oxime	100	1100	N/A	N/A	N/A
Fatty acids, C9-13-neo-, cobalt salts	500	N/A	N/A	N/A	N/A

**Irritation/Corrosion****Conclusion/Summary** : 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.**Sensitisation****Conclusion/Summary****Skin** : There are no data available on the mixture itself.**Respiratory** : There are no data available on the mixture itself.**Mutagenicity****Conclusion/Summary** : There are no data available on the mixture itself.**Carcinogenicity**

It has been observed that the carcinogenic hazard of this product arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.

**Conclusion/Summary** : There are no data available on the mixture itself.**Reproductive toxicity****Conclusion/Summary** : There are no data available on the mixture itself.**Teratogenicity****Conclusion/Summary** :  
There are no data available on the mixture itself.**Specific target organ toxicity (single exposure)**

Product/ingredient name	Category	Route of exposure	Target organs
N-(3-(trimethoxysilyl)propyl)ethylenediamine	Category 3	-	Respiratory tract irritation
Solvent naphtha (petroleum), light aliph. Nota(s) P	Category 3	-	Narcotic effects
1-methoxy-2-propanol	Category 3	-	Narcotic effects
2-methoxy-1-methylethyl acetate	Category 3	-	Narcotic effects
tetraethyl silicate	Category 3	-	Respiratory tract irritation
Hydrocarbons, C9, aromatics > 0.1% cumene	Category 3	-	Respiratory tract irritation
dibutyltin dilaurate	Category 3	-	Narcotic effects
butanone oxime	Category 1	-	thymus
	Category 1	-	upper respiratory tract
Fatty acids, C9-13-neo-, cobalt salts	Category 3	-	Narcotic effects
	Category 3	-	Respiratory tract

<b>Code</b> : 00336190	<b>Date of issue/Date of revision</b> : 21 October 2023
<b>PSX 892HS GRAY</b>	

**SECTION 11: Toxicological information**

			irritation
--	--	--	------------

**Specific target organ toxicity (repeated exposure)**

Product/ingredient name	Category	Route of exposure	Target organs
stoddard solvent Nota(s) P	Category 1	-	central nervous system (CNS)
dibutyltin dilaurate	Category 1	oral	immune system
butanone oxime	Category 2	-	blood system

**Aspiration hazard**

Product/ingredient name	Result
stoddard solvent Nota(s) P	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), light aliph. Nota(s) P	ASPIRATION HAZARD - Category 1
Hydrocarbons, C9, aromatics > 0.1% cumene	ASPIRATION HAZARD - Category 1

**Information on likely routes of exposure** : Not available.

**Potential acute health effects**

- Eye contact** : Causes serious eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
dryness  
cracking
- Ingestion** : No specific data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Short term exposure**

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

**Long term exposure**

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

**Potential chronic health effects**

Not available.

**Conclusion/Summary** : Not available.

Code : 00336190  
PSX 892HS GRAY

Date of issue/Date of revision : 21 October 2023

**SECTION 11: Toxicological information**

- General** : Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

**Other information** : Not available.**SECTION 12: Ecological information****12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
<input checked="" type="checkbox"/> (3-(trimethoxysilyl)propyl) ethylenediamine	EC50 597 mg/l	Fish	96 hours
<input type="checkbox"/> 1-methoxy-2-propanol	Acute LC50 23300 mg/l Acute LC50 >4500 mg/l Fresh water	Daphnia - Daphnia Fish - Goldfish	48 hours 96 hours
<input type="checkbox"/> 2-methoxy-1-methylethyl acetate	Acute LC50 134 mg/l Fresh water	Fish - Trout - <i>Oncorhynchus mykiss</i>	96 hours
<input type="checkbox"/> Hydrocarbons, C9, aromatics > 0.1% cumene	EC50 3.2 mg/l	Daphnia	48 hours
<input type="checkbox"/> dibutyltin dilaurate	LC50 9.2 mg/l EC50 0.463 mg/l	Fish Daphnia	96 hours 48 hours

**Conclusion/Summary** : Not available.**12.2 Persistence and degradability**

Product/ingredient name	Test	Result	Dose	Inoculum
<input checked="" type="checkbox"/> 2-methoxy-1-methylethyl acetate	-	83 % - Readily - 28 days	-	-
<input type="checkbox"/> Hydrocarbons, C9, aromatics > 0.1% cumene	-	75 % - Readily - 28 days	-	-

**Conclusion/Summary** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
<input checked="" type="checkbox"/> 2-methoxy-1-methylethyl acetate	-	-	Readily
<input type="checkbox"/> Hydrocarbons, C9, aromatics > 0.1% cumene	-	-	Readily

**12.3 Bioaccumulative potential**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
<input checked="" type="checkbox"/> Stoddard solvent Nota(s) P	3.16 to 7.06	-	High
<input type="checkbox"/> 1-methoxy-2-propanol	<1	-	Low
<input type="checkbox"/> 2-methoxy-1-methylethyl acetate	1.2	-	Low
<input type="checkbox"/> tetraethyl silicate	3.18	-	Low
<input type="checkbox"/> dibutyltin dilaurate	4.44	-	High
<input type="checkbox"/> butanone oxime	0.63	5.01	Low

**12.4 Mobility in soil****Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.**Mobility** : Not available.

**Code** : 00336190  
**PSX 892HS GRAY**

**Date of issue/Date of revision** : 21 October 2023

## SECTION 12: Ecological information

### 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** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

#### Waste catalogue

Waste code	Waste designation
08 01 99	wastes not otherwise specified

#### Packaging

**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. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN number</b>	UN1263	UN1263	UN1263	UN1263
<b>14.2 UN proper shipping name</b>	PAINT	PAINT	PAINT	PAINT
<b>14.3 Transport hazard class(es)</b>	3	3	3	3
<b>14.4 Packing group</b>	III	III	III	III
<b>14.5 Environmental hazards</b>	No.	Yes.	No.	No.

**Code** : 00336190 **Date of issue/Date of revision** : 21 October 2023  
**PSX 892HS GRAY**

## SECTION 14: Transport information

<b>Marine pollutant substances</b>	Not applicable.	Not applicable.	Not applicable.	Not applicable.
------------------------------------	-----------------	-----------------	-----------------	-----------------

**ADR/RID** : None identified.

**Tunnel code** : (D/E)

**ADN** : The product is only regulated as an environmentally hazardous substance when transported in tank vessels.

**IMDG** : None identified.

**IATA** : None identified.

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are 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 according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

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

### 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 on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Restricted to professional users.

#### Seveso Directive

This product is controlled under the Seveso Directive.

#### Danger criteria

#### Category

P5c

#### National regulations

Product/ingredient name	List name	Name on list	Classification	Notes
Fatty acids, C9-13-neo-, cobalt salts	UK Occupational Exposure Limits EH40 - WEL	cobalt and cobalt compounds as Co	Carc.	-



**Code** : 00336190  
**PSX 892HS GRAY**

**Date of issue/Date of revision** : 21 October 2023

## SECTION 16: Other information

☑ Indicates information that has changed from previously issued version.

### Abbreviations and acronyms

: ATE = Acute Toxicity Estimate  
 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
Flam. Liq. 3, H226	On basis of test data
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
Carc. 1B, H350	Calculation method
STOT RE 1, H372	Calculation method
Aquatic Chronic 3, H412	Calculation method

### Full text of abbreviated H statements

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H360FD	May damage fertility. May damage the unborn child.
H361f	Suspected of damaging fertility.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

### Full text of classifications

Code : 00336190

Date of issue/Date of revision

: 21 October 2023

PSX 892HS GRAY

**SECTION 16: Other information**

Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Carc. 1B	CARCINOGENICITY - Category 1B
Carc. 2	CARCINOGENICITY - Category 2
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Muta. 2	GERM CELL MUTAGENICITY - Category 2
Repr. 1B	REPRODUCTIVE TOXICITY - Category 1B
Repr. 2	REPRODUCTIVE TOXICITY - Category 2
Resp. Sens. 1	RESPIRATORY SENSITISATION - Category 1
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
STOT SE 1	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 1
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

**History**

Date of issue/ Date of revision : 21 October 2023

Date of previous issue : 7 November 2022

Prepared by : EHS

Version : 1.01

**Disclaimer**

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*