

SAFETY DATA SHEET



UVILUX PRIMER 1754-11 - TS 21132 BORDEAUX

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

1.1 Product identifier

Product name : UVILUX PRIMER 1754-11 - TS 21132 BORDEAUX

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

Product use : Paint.

1.3 Details of the supplier of the safety data sheet

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

e-mail address of person responsible for this SDS : Prod-safe@teknos.com

National contact

Teknos (UK) Limited, 7 Longlands Rd, Bicester, Oxfordshire OX26 5AH, United Kingdom. Tel. +44 (0) 1869 208005.

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : NHS: 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to UK CLP/GHS

Skin Irrit. 2, H315
Eye Dam. 1, H318
Skin Sens. 1, H317
Aquatic Chronic 2, H411

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

Hazard statements : H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention : P280 - Wear protective gloves. Wear eye or face protection.
P273 - Avoid release to the environment.

Response : P391 - Collect spillage.
P305 + P351 + P338 + P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor.

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SECTION 2: Hazards identification

Storage	: Not applicable.
Disposal	: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
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	: 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 : Mixture

Product/ingredient name	Identifiers	%	Classification	Type
exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate	REACH #: 01-2119886505-27 EC: 231-403-1 CAS: 7534-94-3	≥10 - ≤25	Aquatic Chronic 3, H412	[1]
exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	REACH #: 01-2119957862-25 EC: 227-561-6 CAS: 5888-33-5	≤10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1]
2-Propenoic acid, reaction products with dipentaerythritol	REACH #: 01-2119980666-22 CAS: 1384855-91-7	≤5	Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Chronic 3, H412	[1]
titanium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7	≤5	Carc. 2, H351 (inhalation)	[1] [*]
(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate	REACH #: 01-2119484613-34 EC: 256-032-2 CAS: 42978-66-5 Index: 607-249-00-X	≤4.8	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Chronic 2, H411	[1]
2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide	REACH #: 01-2120140608-57 EC: 810-703-1 CAS: 1187441-10-6	≤5	Eye Dam. 1, H318 Skin Sens. 1B, H317	[1]
Dipropylenglycol diacrylate	REACH #: 01-2119484629-21 EC: 260-754-3 CAS: 57472-68-1	≤3	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317	[1]
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	REACH #: 01-2119489900-30 EC: 500-066-5 CAS: 28961-43-5	≤3	Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412	[1]

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2-hydroxy-2-methylpropiophenone	REACH #: 01-2119472306-39 EC: 231-272-0 CAS: 7473-98-5	≤3	Acute Tox. 4, H302 Aquatic Chronic 3, H412	[1]
Phosphine oxide, phenylbis (2,4,6-trimethylbenzoyl)-	REACH #: 01-2119489401-38 EC: 423-340-5 CAS: 162881-26-7 Index: 015-189-00-5	≤3	Skin Sens. 1A, H317 Aquatic Chronic 4, H413	[1]
Acrylated resin	-	≤3	Eye Irrit. 2, H319	[1]
2-Propenoic acid, reaction products with pentaerythritol	CAS: 1245638-61-2	<1	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 2, H411	[1]
n-Butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4 Index: 607-025-00-1	≤0.1	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	[1] [2]
methacrylic acid	REACH #: 01-2119463884-26 EC: 201-204-4 CAS: 79-41-4	<0.1	Acute Tox. 4, H302 Acute Tox. 3, H311 Acute Tox. 4, H332 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=10)	[1] [2]
copper bis (dimethyldithiocarbamate)	REACH #: 01-2120770993-40 EC: 205-287-8 CAS: 137-29-1	≤0.031	Aquatic Chronic 1, H410 (M=1)	[1] [2]
2,6-di-tert-butyl-p-cresol	EC: 204-881-4 CAS: 128-37-0	<0.1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M=1)	[1] [2]
Toluene	REACH #: 01-2119471310-51 EC: 203-625-9 CAS: 108-88-3 Index: 601-021-00-3	≤0.1	Aquatic Chronic 1, H410 (M=1)	[1] [2]
2,6-di-tert-butyl-p-cresol	REACH #: 01-2119565113-46 EC: 204-881-4 CAS: 128-37-0	<0.1	Aquatic Chronic 1, H410 (M=1) See Section 16 for the full text of the H statements declared above.	[1] [2]

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

[*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter ≤ 10 µm not bound within a matrix.

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

SECTION 4: First aid measures

4.1 Description of first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- 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

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain
watering
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
- Ingestion** : Adverse symptoms may include the following:
stomach pains

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures

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 toxic 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 dioxide
carbon monoxide
phosphorus oxides
metal oxide/oxides

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, 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. Do not breathe 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. Collect spillage.

6.3 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.

SECTION 6: Accidental release measures

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 breathe vapour or mist. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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.
- 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 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.

Seveso Directive - Reporting thresholds

Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
E2	200 tonne	500 tonne


7.3 Specific end use(s)

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

 Butyl acetate

EH40/2005 WELs (United Kingdom (UK), 1/2020).

STEL: 966 mg/m³ 15 minutes.

STEL: 200 ppm 15 minutes.

TWA: 724 mg/m³ 8 hours.

TWA: 150 ppm 8 hours.

methacrylic acid

EH40/2005 WELs (United Kingdom (UK), 1/2020).

STEL: 143 mg/m³ 15 minutes.

STEL: 40 ppm 15 minutes.

TWA: 72 mg/m³ 8 hours.

TWA: 20 ppm 8 hours.

copper bis(dimethyldithiocarbamate)

EH40/2005 WELs (United Kingdom (UK), 1/2020). [Copper and compounds dust and mists, as Cu]

STEL: 2 mg/m³, (as Cu) 15 minutes. Form: Dusts and Mists

TWA: 1 mg/m³, (as Cu) 8 hours. Form: Dusts and Mists

2,6-di-tert-butyl-p-cresol

EH40/2005 WELs (United Kingdom (UK), 1/2020).

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Toluene	TWA: 10 mg/m ³ 8 hours. EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin. STEL: 384 mg/m ³ 15 minutes. TWA: 191 mg/m ³ 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes.
2,6-di-tert-butyl-p-cresol	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 10 mg/m ³ 8 hours.

Biological exposure indices

No exposure indices 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	Type	Exposure	Value	Population	Effects
exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate	DNEL	Long term Oral	0.21 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.21 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.35 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.36 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	1.22 mg/m ³	Workers	Systemic
exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	DNEL	Long term Inhalation	1.45 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	4.9 mg/m ³	Workers	Systemic
	DNEL	Long term Oral	0.83 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.83 mg/kg bw/day	General population	Systemic
(1-methyl-1,2-ethanediy)bis[oxy(methyl-2,1-ethanediy)] diacrylate	DNEL	Long term Dermal	1.39 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1.7 mg/kg bw/day	Workers	Systemic
Dipropylenglycol diacrylate	DNEL	Long term Dermal	2.35 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	1.66 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	2.08 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	2.77 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	7.24 mg/m ³	General population	Systemic
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	DNEL	Long term Inhalation	24.48 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	10.5 mg/kg bw/day	Workers	Systemic
2-hydroxy-2-methylpropiophenone	DNEL	Long term Inhalation	37 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	1 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Oral	0.4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.9 mg/m ³	General population	Systemic
	DNEL	Long term	3.5 mg/m ³	Workers	Systemic

SECTION 8: Exposure controls/personal protection

Phosphine oxide, phenylbis (2,4,6-trimethylbenzoyl)-	DNEL	Inhalation Long term	21 mg/m ³	Workers	Systemic	
	DNEL	Inhalation Short term	21 mg/m ³	Workers	Systemic	
	DNEL	Dermal Long term	3.3 mg/kg	Workers	Systemic	
	DNEL	Dermal Short term	3.3 mg/kg	Workers	Systemic	
	DNEL	Inhalation Long term	5.2 mg/m ³	General population [Consumers]	Systemic	
	DNEL	Dermal Long term	1.5 mg/kg	General population [Consumers]	Systemic	
	DNEL	Oral Long term	1.5 mg/kg	General population [Consumers]	Systemic	
	DNEL	Oral Short term	1.67 ng/kg bw/day	General population	Systemic	
	DNEL	Oral Long term	1.5 mg/kg bw/day	General population	Systemic	
	DNEL	Dermal Long term	1.5 mg/kg bw/day	General population	Systemic	
	DNEL	Dermal Short term	1.67 mg/ kg bw/day	General population	Systemic	
	DNEL	Inhalation Short term	1.93 mg/m ³	General population	Systemic	
	DNEL	Inhalation Long term	1.93 mg/m ³	General population	Systemic	
	DNEL	Dermal Long term	3 mg/kg bw/day	Workers	Systemic	
	DNEL	Dermal Short term	3.33 mg/ kg bw/day	Workers	Systemic	
	DNEL	Inhalation Short term	7.84 mg/m ³	Workers	Systemic	
	DNEL	Inhalation Long term	7.84 mg/m ³	Workers	Systemic	
	n-Butyl acetate	DNEL	Oral Short term	2 mg/kg bw/day	General population	Systemic
		DNEL	Oral Long term	2 mg/kg bw/day	General population	Systemic
		DNEL	Dermal Short term	6 mg/kg bw/day	General population	Systemic
DNEL		Dermal Short term	11 mg/kg bw/day	Workers	Systemic	
DNEL		Inhalation Long term	35.7 mg/m ³	General population	Local	
DNEL		Inhalation Short term	300 mg/m ³	General population	Local	
DNEL		Inhalation Short term	300 mg/m ³	General population	Systemic	
DNEL		Inhalation Long term	300 mg/m ³	Workers	Local	
DNEL		Inhalation Short term	600 mg/m ³	Workers	Local	
DNEL		Inhalation Short term	600 mg/m ³	Workers	Systemic	
DNEL		Dermal Long term	3.4 mg/kg bw/day	General population	Systemic	
DNEL		Dermal Long term	7 mg/kg bw/day	Workers	Systemic	
DNEL		Inhalation Long term	12 mg/m ³	General population	Systemic	
DNEL		Inhalation Long term	48 mg/m ³	Workers	Systemic	
DNEL		Inhalation Long term	48 mg/m ³	Workers	Systemic	
methacrylic acid		DNEL	Dermal Long term	2.55 mg/ kg bw/day	General population	Systemic

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2,6-di-tert-butyl-p-cresol	DNEL	Long term Dermal	4.25 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	6.3 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	6.55 mg/m ³	General population	Local
	DNEL	Long term Inhalation	29.6 mg/m ³	Workers	Systemic
	DNEL	Long term Inhalation	88 mg/m ³	Workers	Local
	DNEL	Short term Dermal	1 %	General population	Local
	DNEL	Long term Oral	0.25 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.435 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	1.76 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	0.25 mg/kg bw/day	General population	Systemic
Toluene	DNEL	Long term Dermal	0.5 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Oral	8.13 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	56.5 mg/m ³	General population	Local
	DNEL	Long term Inhalation	56.5 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	192 mg/m ³	Workers	Local
	DNEL	Long term Inhalation	192 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	226 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	226 mg/m ³	General population	Local
	DNEL	Short term Inhalation	226 mg/m ³	General population	Systemic
	DNEL	Long term Dermal	384 mg/kg bw/day	Workers	Systemic
2,6-di-tert-butyl-p-cresol	DNEL	Short term Inhalation	384 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	384 mg/m ³	Workers	Systemic
	DNEL	Long term Oral	0.25 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.435 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	1.76 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	0.25 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.5 mg/kg bw/day	Workers	Systemic

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

SECTION 8: Exposure controls/personal protection

- 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** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
- 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.
- Recommendations : Wear suitable gloves tested to EN374.
< 1 hour (breakthrough time): Nitrile gloves. thickness > 0.3 mm
1 - 4 hours (breakthrough time): 4H / Silver Shield® gloves.
- 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** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Filter type: A
Filter type (spray application): A P
- 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** : Red.
- Odour** : Slight
- Odour threshold** : Not available.
- Melting point/freezing point** : Not available.
- Initial boiling point and boiling range** :

Ingredient name	°C	°F	Method
 -methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate	>120	>248	
Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)-	>168	>334.4	EU A.2

- Flammability (solid, gas)** : Not available.

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SECTION 9: Physical and chemical properties

- Upper/lower flammability or explosive limits** : Lower: Not applicable.
Upper: Not applicable.
- Flash point** : Closed cup: >100°C (>212°F)
- Auto-ignition temperature** :

Ingredient name	°C	°F	Method
Phosphine oxide, phenylbis(2,4,6-trimethylbenzoyl)-	>131.4	>268.5	EU A.16
Dipropylenglycol diacrylate	240	464	DIN 51794

- Decomposition temperature** : Not available.
- pH** : Not applicable.
- Viscosity** : Not available.
- Solubility(ies)** :
Not available.

- Solubility in water** : Not available.
- Partition coefficient: n-octanol/ water** : Not applicable.
- Vapour pressure** :

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate	0.009	0.0012	EU A.4			
2-hydroxy-2-methylpropiophenone	0.00428	0.00057	OECD 104	0.09751	0.013	OECD 104

- Relative density** : Not available.
- Density** : 1.3 g/cm³
- Vapour density** : Not available.
- Explosive properties** : Not available.
- Oxidising properties** : Not available.
- 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** : No specific data.
- 10.5 Incompatible materials** : No specific data.
- 10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
exo-1,7,7-trimethylbicyclo [2.2.1]hept-2-yl acrylate	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	4890 mg/kg	-
(1-methyl-1,2-ethanediyl)bis [oxy(methyl-2,1-ethanediyl)] diacrylate	LD50 Oral	Rat	6200 mg/kg	-
	LD50 Oral	Rat	6200 mg/kg	-
2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
Dipropylenglycol diacrylate	LD50 Oral	Rat	4600 mg/kg	-
	LD50 Oral	Rat	4600 mg/kg	-
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	LD50 Dermal	Rabbit	>13 g/kg	-
	LD50 Dermal	Rat	6929 mg/kg	-
2-hydroxy-2-methylpropiophenone	LD50 Oral	Rat	1694 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
Phosphine oxide, phenylbis (2,4,6-trimethylbenzoyl)-n-Butyl acetate	LC50 Inhalation Vapour	Rat	0.74 mg/l	4 hours
	LD50 Dermal	Rabbit	14112 mg/kg	-
methacrylic acid	LD50 Oral	Rat	10760 mg/kg	-
	LD50 Dermal	Rabbit	500 mg/kg	-
copper bis (dimethyldithiocarbamate)	LD50 Oral	Rat	1060 mg/kg	-
	LC50 Inhalation Dusts and mists	Rat	0.12 mg/l	4 hours
2,6-di-tert-butyl-p-cresol	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Toluene	LD50 Oral	Rat	890 mg/kg	-
	LC50 Inhalation Vapour	Rat	49 g/m ³	4 hours
2,6-di-tert-butyl-p-cresol	LD50 Oral	Rat	636 mg/kg	-
	LD50 Oral	Rat	890 mg/kg	-

Conclusion/Summary : Based on available data, the classification criteria are not met.

Acute toxicity estimates

Route	ATE value
Oral	79956.63 mg/kg

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
exo-1,7,7-trimethylbicyclo [2.2.1]hept-2-yl acrylate	Eyes - Mild irritant	Rabbit	-	100 uL	-
	Skin - Moderate irritant	Rabbit	-	500 uL	-
titanium dioxide	Skin - Mild irritant	Human	-	72 hours 300 ug l	-
	Eyes - Severe irritant	Rabbit	-	24 hours 100 uL	-
(1-methyl-1,2-ethanediyl)bis [oxy(methyl-2,1-ethanediyl)] diacrylate	Skin - Moderate irritant	Rabbit	-	500 mg	-
	Eyes - Severe irritant	Rabbit	-	100 mg	-
Dipropylenglycol diacrylate	Skin - Severe irritant	Rabbit	-	500 mg	-
	Eyes - Moderate irritant	Rabbit	-	100 mg	-
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	Skin - Moderate irritant	Rabbit	-	500 mg	-
	Eyes - Moderate irritant	Rabbit	-	100 mg	-
n-Butyl acetate	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Moderate irritant	Rabbit	-	100 mg	-
n-Butyl acetate	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Moderate irritant	Rabbit	-	100 mg	-

SECTION 11: Toxicological information

2,6-di-tert-butyl-p-cresol	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-	
	Skin - Mild irritant	Human	-	48 hours 500 mg	-	
	Skin - Moderate irritant	Rabbit	-	48 hours 500 mg	-	
	Toluene	Eyes - Mild irritant	Rabbit	-	0.5 minutes 100 mg	-
		Eyes - Mild irritant	Rabbit	-	870 ug	-
		Eyes - Severe irritant	Rabbit	-	24 hours 2 mg	-
	2,6-di-tert-butyl-p-cresol	Skin - Mild irritant	Pig	-	24 hours 250 uL	-
Skin - Mild irritant		Rabbit	-	435 mg	-	
Skin - Moderate irritant		Rabbit	-	24 hours 20 mg	-	
Skin - Moderate irritant		Rabbit	-	500 mg	-	
Eyes - Moderate irritant		Rabbit	-	24 hours 100 mg	-	
Skin - Mild irritant		Human	-	48 hours 500 mg	-	
	Skin - Moderate irritant	Rabbit	-	48 hours 500 mg	-	

Conclusion/Summary : Causes skin irritation.

Sensitisation

Product/ingredient name	Route of exposure	Species	Result
Phosphine oxide, phenylbis (2,4,6-trimethylbenzoyl)-	skin	Guinea pig	Sensitising

Conclusion/Summary : May cause an allergic skin reaction.

Mutagenicity

Product/ingredient name	Test	Experiment	Result
Phosphine oxide, phenylbis (2,4,6-trimethylbenzoyl)-	-	Subject: Bacteria	Negative

Conclusion/Summary : Based on available data, the classification criteria are not met.

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 : Based on available data, the classification criteria are not met.

Reproductive toxicity

Conclusion/Summary : Based on available data, the classification criteria are not met.

Teratogenicity

Conclusion/Summary : Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	Category 3	-	Respiratory tract irritation
(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate	Category 3	-	Respiratory tract irritation
n-Butyl acetate	Category 3	-	Narcotic effects
methacrylic acid	Category 3	-	Respiratory tract irritation
Toluene	Category 3	-	Narcotic effects

Specific target organ toxicity (repeated exposure)

SECTION 11: Toxicological information

Product/ingredient name	Category	Route of exposure	Target organs
Toluene	Category 2	-	-

Aspiration hazard

Product/ingredient name	Result
Toluene	ASPIRATION HAZARD - Category 1

Information on likely routes of exposure : Not available.

Potential acute health effects

- Eye contact** : Causes serious eye damage.
Inhalation : No known significant effects or critical hazards.
Skin contact : Causes skin 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
watering
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
- Ingestion** : Adverse symptoms may include the following:
stomach pains

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.
- General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : No known significant effects or critical hazards.
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
Titanium dioxide	Acute LC50 3 mg/l Fresh water	Crustaceans - Water flea - <i>Ceriodaphnia dubia</i> - Neonate	48 hours
	Acute LC50 6.5 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia pulex</i> - Neonate	48 hours
2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide	Acute LC50 >1000000 µg/l Marine water	Fish - Mummichog - <i>Fundulus heteroclitus</i>	96 hours
	EC50 >100 mg/l	Daphnia - Daphnia - <i>Daphnia magna</i>	48 hours
Phosphine oxide, phenylbis (2,4,6-trimethylbenzoyl)-	LC50 >100 mg/l Fresh water	Fish - <i>Cyprinus carpio</i>	96 hours
	EC50 ≥0.26 mg/l	Aquatic plants - <i>Desmodesmus subspicatus</i>	72 hours
n-Butyl acetate	NOEC ≥0.008 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	21 days
	Acute EC50 >1.175 mg/l	Daphnia - <i>Daphnia magna</i>	48 hours
methacrylic acid	Acute LC50 >0.09 mg/l	Fish - <i>Brachydanio rerio</i>	96 hours
	Acute LC50 32 mg/l Marine water	Crustaceans - Brine shrimp - <i>Artemia salina</i>	48 hours
copper bis (dimethyldithiocarbamate) 2,6-di-tert-butyl-p-cresol	Acute LC50 18000 µg/l Fresh water	Fish - Fathead minnow - <i>Pimephales promelas</i>	96 hours
	Chronic NOEC 53 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia magna</i> - Neonate	21 days
Toluene	Acute LC50 71 µg/l Fresh water	Fish - Fathead minnow - <i>Pimephales promelas</i>	96 hours
	Acute EC50 1440 µg/l Fresh water	Daphnia - Water flea - <i>Daphnia pulex</i> - Neonate	48 hours
2,6-di-tert-butyl-p-cresol	Acute EC50 12500 µg/l Fresh water	Algae - Green algae - <i>Pseudokirchneriella subcapitata</i>	72 hours
	Acute EC50 11600 µg/l Fresh water	Crustaceans - Scud - <i>Gammarus pseudolimnaeus</i> - Adult	48 hours
	Acute EC50 5.56 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia magna</i> - Neonate	48 hours
	Acute LC50 5500 µg/l Fresh water	Fish - Coho salmon, silver salmon - <i>Oncorhynchus kisutch</i> - Fry	96 hours
2,6-di-tert-butyl-p-cresol	Chronic NOEC 1000 µg/l Fresh water	Daphnia - Water flea - <i>Daphnia magna</i>	21 days
	Acute EC50 1440 µg/l Fresh water	Daphnia - Water flea - <i>Daphnia pulex</i> - Neonate	48 hours

Conclusion/Summary : Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Conclusion/Summary : This product has not been tested for biodegradation.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, reaction products with phosphorus oxide	-	71%; 28 day(s)	Readily
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	-	-	Readily
Phosphine oxide, phenylbis (2,4,6-trimethylbenzoyl)-	-	-	Not readily

12.3 Bioaccumulative potential

SECTION 12: Ecological information

Product/ingredient name	LogP _{ow}	BCF	Potential
exo-1,7,7-trimethylbicyclo [2.2.1]hept-2-yl methacrylate	5.09	-	High
(1-methyl-1,2-ethanediyl)bis [oxy(methyl-2,1-ethanediyl)] diacrylate	2	-	Low
Dipropylenglycol diacrylate	0.01 to 0.39	-	Low
Propylidynetrimehanol, ethoxylated, esters with acrylic acid	2.89	-	Low
2-hydroxy-2-methylpropiophenone	1.62	-	Low
Phosphine oxide, phenylbis (2,4,6-trimethylbenzoyl)-	5.77	<5	Low
2-Propenoic acid, reaction products with pentaerythritol	1.45	-	Low
n-Butyl acetate	2.3	-	Low
methacrylic acid	0.93	-	Low
2,6-di-tert-butyl-p-cresol	5.1	330 to 1800	High
Toluene	2.73	90	Low
2,6-di-tert-butyl-p-cresol	5.1	330 to 1800	High

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : 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

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 : The classification of the product may meet the criteria for a hazardous waste.

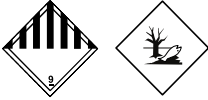
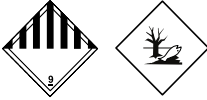
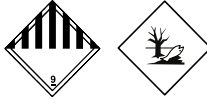

European waste catalogue (EWC) : 080111*

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.

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 spill material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	UN3082	UN3082	UN3082	UN3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)
14.3 Transport hazard class(es)	9 	9 	9 	9 
14.4 Packing group	III	III	III	III
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes.

Additional information

ADR/RID

: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

Tunnel code (-)

ADN

: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

IMDG

: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

IATA

: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

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 relevant/applicable due to nature of the product.

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.

Prior Informed Consent (PIC)

Not listed.

SECTION 15: Regulatory information

Persistent Organic Pollutants

Not listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

No listed substance

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

Category

E2

EU regulations

Industrial emissions (integrated pollution prevention and control) - Air : Not listed

Industrial emissions (integrated pollution prevention and control) - Water : Not listed

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical safety assessment : This product contains substances for which Chemical Safety Assessments are still required.

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

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SECTION 16: Other information

Classification	Justification
Skin Irrit. 2, H315	Calculation method
Eye Dam. 1, H318	Calculation method
Skin Sens. 1, H317	Calculation method
Aquatic Chronic 2, H411	Calculation method

Full text of abbreviated H statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
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.
H413	May cause long lasting harmful effects to aquatic life.
EUH066	Repeated exposure may cause skin dryness or cracking.

Full text of classifications

Acute Tox. 2	ACUTE TOXICITY - Category 2
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
Aquatic Chronic 4	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 4
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
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. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Repr. 2	REPRODUCTIVE TOXICITY - Category 2
Skin Corr. 1A	SKIN CORROSION/IRRITATION - Category 1A
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

Date of issue/ Date of revision : 21/08/2023

Date of previous issue : 19/07/2022

Version : 1.01

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Notice to reader

Date of issue/Date of revision : 21/08/2023 **Date of previous issue** : 19/07/2022 **Version** : 1.01 19/21

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SECTION 16: Other information

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

