Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

# **SAFETY DATA SHEET**



TEKNOCRYL AQUA 2780-00 - TS 0482 OXIDE RED

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

## 1.1 Product identifier

Product name : TEKNOCRYL AQUA 2780-00 - TS 0482 OXIDE RED

**1.2 Relevant identified uses of the substance or mixture and uses advised againstProduct 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 : Prod-safe@teknos.com responsible for this SDS

#### **National contact**

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

#### 1.4 Emergency telephone number

Telephone number: In an emergency, call 112

### **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Product definition : Mixture <u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u> Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements		
Signal word	lo signal word.	
Hazard statements	lo known significant effects or critical hazards.	
Precautionary statements		
Prevention	lot applicable.	
Response	lot applicable.	
Storage	lot applicable.	
Disposal	lot applicable.	
Supplemental label elements	contains 2,4,7,9-tetramethyl-5-decyne-4,7-diol and 1,2-benzisothiazol-3(2 lay produce an allergic reaction. afety data sheet available on request.	┨)-one.
Annex XVII - Restrictions on the manufacture, placing on the market and		

placing on the market and use of certain dangerous substances, mixtures and articles

#### 2.3 Other hazards

## **SECTION 2: Hazards identification**

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.

: None known.

Other hazards which do not result in classification

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

#### 3.2 Mixtures : Mixture Specific Conc. % **Identifiers Classification Product/ingredient name** Type Limits, M-factors and ATEs ATE [Oral] = 1200 2-Butoxyethanol REACH #: ≤5 Acute Tox. 4, H302 [1] [2] 01-2119475108-36 Acute Tox. 3, H331 mg/kg EC: 203-905-0 Skin Irrit. 2, H315 ATE [Inhalation Eye Irrit. 2, H319 (vapours)] = 3 mg/l CAS: 111-76-2 Index: 603-014-00-0 2,4,7,9-tetramethyl-≤0.3 Eye Dam. 1, H318 [1] REACH #: 5-decyne-4,7-diol 01-2119954390-39 Skin Sens. 1B, H317 EC: 204-809-1 Aquatic Chronic 3, CAS: 126-86-3 H412 1,2-benzisothiazol-3(2H)-ATE [Oral] = 450 EC: 220-120-9 < 0.036 Acute Tox. 4, H302 [1] CAS: 2634-33-5 Acute Tox. 2. H330 one mg/kg Index: 613-088-00-6 Skin Irrit. 2, H315 ATE [Inhalation Eye Dam. 1, H318 (dusts and mists)] Skin Sens. 1A, H317 = 0.21 mg/lAquatic Acute 1, H400 Skin Sens. 1, H317: Aquatic Chronic 1, C ≥ 0.036% M [Acute] = 1 H410 M [Chronic] = 1 See Section 16 for the full text of the H statements declared above.

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

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

## **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training.

Date of issue/Date of revision	: 23/07/2025	Date of previous issue	: 04/10/2023	Version	:2	2/22
TEKNOCRYL AQUA 2780-00 - T	S 0482 OXID	E RED		Label No	:3897	<b>'</b> 4

## **SECTION 4: First aid measures**

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

#### Over-exposure signs/symptoms

Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.

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

Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
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

en epecial maran de anonig n		
Hazards from the substance or mixture	:	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for

## **SECTION 6: Accidental release measures**

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

chemical incidents.

:	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. Put on appropriate personal protective equipment.
:	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".
:	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).
	:

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

Small spill	: Stop leak if without risk. Move containers from spill area. Absorb with an inert
	material and place in an appropriate waste disposal container. Dispose of via a
	licensed waste disposal contractor.

Date of issue/Date of revision	: 23/07/2025	Date of previous issue	:04/10/2023	Version	:2	3/22
TEKNOCRYL AQUA 2780-00 - 1	S 0482 OXID	E RED		Label No	:3897	4

## **SECTION 6: Accidental release measures**

Large spill	: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. 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.				
6.4 Reference to other sections	<ul> <li>See Section 1 for emergency contact information.</li> <li>See Section 8 for information on appropriate personal protective equipment.</li> <li>See Section 13 for additional waste treatment information.</li> </ul>				

## 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).
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. See Section 10 for incompatible materials before handling or use.

## 7.3 Specific end use(s)

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

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

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

#### 8.1 Control parameters

#### **Occupational exposure limits**

Product/ingredient name	Exposure limit values
2-Butoxyethanol	Regulation on Limit Values - MAC (Austria, 12/2024) Absorbedthrough skin.TWA 8 hours: 20 ppm.TWA 8 hours: 98 mg/m³.PEAK 30 minutes: 40 ppm 4 times per shift.PEAK 30 minutes: 200 mg/m³ 4 times per shift.
2-Butoxyethanol	Limit values (Belgium, 12/2023) Absorbed through skin. TWA 8 hours: 20 ppm. TWA 8 hours: 98 mg/m <sup>3</sup> . STEL 15 minutes: 50 ppm. STEL 15 minutes: 246 mg/m <sup>3</sup> .
Date of issue/Date of revision : 23/07/20.	25 Date of previous issue         : 04/10/2023         Version         : 2         4/22
TEKNOCRYL AQUA 2780-00 - TS 0482 OX	IDE RED Label No :38974

# SECTION 8: Exposure controls/personal protection P-Butoxyethanol Ministry of Labour and Social Policy and the Ministry of Health - Ordinance No 13/2003. (Bulgaria, 4/2024) Absorbed through skin. Limit value 8 hours: 98 mg/m³. Limit value 15 minutes: 246 mg/m³. Limit value 15 minutes: 50 ppm. Limit value 8 hours: 20 ppm.

2-Butoxyethanol Ordinance on the protection of workers from exposure to hazardous chemicals at work, exposure limit values (Annex I) (Croatia, 12/2023) Absorbed through skin. STELV 15 minutes: 246 mg/m<sup>3</sup>. STELV 15 minutes: 50 ppm. ELV 8 hours: 98 mg/m<sup>3</sup>. ELV 8 hours: 20 ppm. 2-Butoxyethanol Department of labour inspection (Cyprus, 7/2021) Absorbed through skin. STEL 15 minutes: 50 ppm. STEL 15 minutes: 246 mg/m<sup>3</sup>. TWA 8 hours: 20 ppm. TWA 8 hours: 98 mg/m<sup>3</sup>. 2-Butoxyethanol Government regulation of Czech Republic PEL/NPK-P (Czech Republic, 12/2023) Absorbed through skin. TWA 8 hours: 98 mg/m<sup>3</sup>. TWA 8 hours: 20 ppm. STEL 15 minutes: 200 mg/m<sup>3</sup>. STEL 15 minutes: 40.7 ppm. 2-Butoxyethanol Working Environment Authority (Denmark, 12/2024) Absorbed through skin. TWA 8 hours: 20 ppm. TWA 8 hours: 98 mg/m<sup>3</sup>. STEL 15 minutes: 246 mg/m<sup>3</sup>. STEL 15 minutes: 50 ppm. 2-Butoxyethanol Occupational exposure limits, Regulation No. 293 (Estonia, 4/2024) Absorbed through skin, Sensitiser. TWA 8 hours: 98 mg/m<sup>3</sup>. TWA 8 hours: 20 ppm. STEL 15 minutes: 246 mg/m<sup>3</sup>. STEL 15 minutes: 50 ppm. 2-Butoxyethanol EU OEL (Europe, 1/2022) Absorbed through skin. TWA 8 hours: 20 ppm. TWA 8 hours: 98 mg/m<sup>3</sup>. STEL 15 minutes: 50 ppm. STEL 15 minutes: 246 mg/m<sup>3</sup>. 2-Butoxyethanol Institute of Occupational Health, Ministry of Social Affairs (Finland, 10/2021) Absorbed through skin. TWA 8 hours: 20 ppm. TWA 8 hours: 98 ma/m<sup>3</sup>. STEL 15 minutes: 50 ppm. STEL 15 minutes: 250 mg/m<sup>3</sup>. 2-Butoxyethanol Ministry of Labor (France, 6/2024) Absorbed through skin. TWA 8 hours: 10 ppm. Notes: Binding regulatory limit values (article R. 4412-149 of the Labor Code) TWA 8 hours: 49 mg/m<sup>3</sup>. Notes: Binding regulatory limit values (article R. 4412-149 of the Labor Code) STEL 15 minutes: 246 mg/m<sup>3</sup>. Notes: Binding regulatory limit values (article R. 4412-149 of the Labor Code) STEL 15 minutes: 50 ppm. Notes: Binding regulatory limit values (article R. 4412-149 of the Labor Code)

2-Butoxyethanol	<ul> <li>TRGS 900 OEL (Germany, 6/2024) Absorbed through skin.</li> <li>TWA 8 hours: 49 mg/m<sup>3</sup>.</li> <li>PEAK 15 minutes: 98 mg/m<sup>3</sup>.</li> <li>TWA 8 hours: 10 ppm.</li> <li>PEAK 15 minutes: 20 ppm.</li> <li>DFG MAC-values list (Germany, 7/2024) Develop C. Absorbed through skin.</li> </ul>
	TWA 8 hours: 10 ppm. PEAK 15 minutes: 20 ppm 4 times per shift [Interval: 1 hour]. TWA 8 hours: 49 mg/m³. PEAK 15 minutes: 98 mg/m³ 4 times per shift [Interval: 1 hour].
1,2-benzisothiazol-3(2H)-one	DFG MAC-values list (Germany, 7/2024) Skin sensitiser.
2-Butoxyethanol	Presidential Decree 307/1986: Occupational exposure limit values (Greece, 8/2024) Absorbed through skin. TWA 8 hours: 25 ppm. TWA 8 hours: 120 mg/m <sup>3</sup> .
₽-Butoxyethanol	<ul> <li>5/2020. (II. 6.) ITM Decree (Hungary, 1/2025) Absorbed through skin.</li> <li>TWA 8 hours: 98 mg/m<sup>3</sup>.</li> <li>PEAK 15 minutes: 246 mg/m<sup>3</sup>.</li> <li>PEAK 15 minutes: 50 ppm.</li> <li>TWA 8 hours: 20 ppm.</li> </ul>
₽-Butoxyethanol	Ministry of Welfare, List of Exposure Limits (Iceland, 11/2024) Absorbed through skin. STEL 15 minutes: 246 mg/m <sup>3</sup> . STEL 15 minutes: 50 ppm. TWA 8 hours: 100 mg/m <sup>3</sup> . TWA 8 hours: 20 ppm.
₽-Butoxyethanol	<ul> <li>NAOSH (Ireland, 4/2024) Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values</li> <li>OELV 8 hours: 20 ppm.</li> <li>OELV 8 hours: 98 mg/m<sup>3</sup>.</li> <li>OELV 15 minutes: 50 ppm.</li> <li>OELV 15 minutes: 246 mg/m<sup>3</sup>.</li> </ul>
₽-Butoxyethanol	Legislative Decree No. 81/2008. Title IX. Protection from chemical agents, carcinogens and mutagens (Italy, 9/2024) Absorbed through skin. Limit value 8 hours: 20 ppm. Limit value 8 hours: 98 mg/m <sup>3</sup> . Short Term 15 minutes: 50 ppm. Short Term 15 minutes: 246 mg/m <sup>3</sup> .
2-Butoxyethanol	Ministers Cabinet Regulations Nr.325 - AER (Latvia, 3/2024) Absorbed through skin. TWA 8 hours: 98 mg/m <sup>3</sup> . TWA 8 hours: 20 ppm. STEL 15 minutes: 50 ppm. STEL 15 minutes: 246 mg/m <sup>3</sup> .
2-Butoxyethanol	Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2024) Absorbed through skin. TWA 8 hours: 50 mg/m <sup>3</sup> . TWA 8 hours: 10 ppm. STEL 15 minutes: 100 mg/m <sup>3</sup> . STEL 15 minutes: 20 ppm.
2-Butoxyethanol	Grand-Duchy Regulation 2016. Chemical agents. Annex I (Luxembourg, 3/2021) Absorbed through skin. TWA 8 hours: 20 ppm. TWA 8 hours: 98 mg/m <sup>3</sup> . STEL 15 minutes: 50 ppm. STEL 15 minutes: 246 mg/m <sup>3</sup> .

2-Butoxyethanol	EU OEL (Europe, 1/2022) Absorbed through skin. TWA 8 hours: 20 ppm. TWA 8 hours: 98 mg/m <sup>3</sup> . STEL 15 minutes: 50 ppm. STEL 15 minutes: 246 mg/m <sup>3</sup> .
2-Butoxyethanol	Ministry of Social Affairs and Employment, Legal limit values (Netherlands, 5/2024) Absorbed through skin. TWA 8 hours: 100 mg/m <sup>3</sup> . STEL 15 minutes: 246 mg/m <sup>3</sup> . TWA 8 hours: 20.4 ppm. STEL 15 minutes: 50 ppm.
2-Butoxyethanol	<b>FOR-2011-12-06-1358 (Norway, 5/2024)</b> Absorbed through skin. TWA 8 hours: 10 ppm. TWA 8 hours: 50 mg/m <sup>3</sup> .
2-Butoxyethanol	Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 on the maximum permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286) (Poland, 7/2024) Absorbed through skin. TWA 8 hours: 98 mg/m <sup>3</sup> . STEL 15 minutes: 200 mg/m <sup>3</sup> .
2-Butoxyethanol	Portuguese Institute of Quality (Portugal, 11/2014) A3. TWA 8 hours: 20 ppm. Decree-Law 24/2012 - Occupational exposure limits for chemical agents (Portugal, 6/2021) Absorbed through skin. STEL 15 minutes: 50 ppm. STEL 15 minutes: 246 mg/m <sup>3</sup> . TWA 8 hours: 20 ppm. TWA 8 hours: 98 mg/m <sup>3</sup> .
-Butoxyethanol	HG 1218/2006, Annex 1, with subsequent modifications and additions (Romania, 3/2024) Absorbed through skin. VLA 8 hours: 98 mg/m <sup>3</sup> . VLA 8 hours: 20 ppm. Short term 15 minutes: 246 mg/m <sup>3</sup> . Short term 15 minutes: 50 ppm.
Butoxyethanol	Government regulation SR c. 355/2006 (Slovakia, 6/2024) Absorbed through skin , Inhalation sensitiser. TWA 8 hours: 98 mg/m <sup>3</sup> . TWA 8 hours: 20 ppm. STEL 15 minutes: 246 mg/m <sup>3</sup> . STEL 15 minutes: 50 ppm.
2-Butoxyethanol	Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 4/2024) Absorbed through skin. TWA 8 hours: 98 mg/m <sup>3</sup> . TWA 8 hours: 20 ppm. KTV 15 minutes: 246 mg/m <sup>3</sup> 4 times per shift [time between two exposure events at this concentration must be at least 60 minutes KTV 15 minutes: 50 ppm 4 times per shift [time between two exposure events at this concentration must be at least 60 minutes
Butoxyethanol	National institute of occupational safety and health (Spain, 1/2024) Absorbed through skin. TWA 8 hours: 20 ppm. TWA 8 hours: 98 mg/m <sup>3</sup> . STEL 15 minutes: 245 mg/m <sup>3</sup> . STEL 15 minutes: 50 ppm.
te of issue/Date of revision :	23/07/2025 Date of previous issue : 04/10/2023 Version : 2 7/2 482 OXIDE RED Label No :38974

2-Butoxyethanol	Work environment authority Regulation 2018:1 (Sweden,
	11/2022) Absorbed through skin.
	TWA 8 hours: 10 ppm.
	TWA 8 hours: 50 mg/m <sup>3</sup> .
	STEL 15 minutes: 50 ppm.
	STEL 15 minutes: 246 mg/m <sup>3</sup> .
2-Butoxyethanol	<b>SUVA (Switzerland, 1/2025)</b> Absorbed through skin. TWA 8 hours: 10 ppm. TWA 8 hours: 49 mg/m³.
	STEL 15 minutes: 20 ppm. STEL 15 minutes: 98 mg/m <sup>3</sup> .
2-Butoxyethanol	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed through skin.
	STEL 15 minutes: 50 ppm.
	TWA 8 hours: 25 ppm.
	STEL 15 minutes: 246 mg/m <sup>3</sup> .
	TWA 8 hours: $123 \text{ mg/m}^3$ .

#### **Biological exposure indices**

Product/ingredient name	Exposure indices
No exposure indices known.	
2-Butoxyethanol	Government regulation of Czech Republic Limit Values of Biological Exposure Tests (Czech Republic, 9/2015) Biological limit values: 0.17 mmol/mmol creatinine, butoxyacetic acid (after hydrolysis) [in urine]. Sampling time: the end of the shift at the end of the week. Biological limit values: 200 mg/g creatinine, butoxyacetic acid (after hydrolysis) [in urine]. Sampling time: the end of the shift at the end of the week.
No exposure indices known.	
2-Butoxyethanol	<b>Biological limit values (BLV) - Labour Code / ANSES (France,</b> <b>4/2023) [2- butoxyéthanol et son acétate]</b> BLV: 100 mg/g Cr, 2-butoxyacetic acid [in urine]. Sampling time: end of shift (regardless of the day of the week).
2-Butoxyethanol	<ul> <li>DFG BEI-values list (Germany, 7/2024) Notes: danger from percutaneous absorption (see p. 211 and p. 228).</li> <li>BEI: 150 mg/g creatinine, butoxyacetic acid (after hydrolysis) [in urine]. Sampling time: at the end of the shift, for long-term exposures after several previous shifts.</li> <li>TRGS 903 - BEI Values (Germany, 10/2024)</li> <li>BEI: 150 mg/g creatinine, butoxy acetic acid (after hydrolysis) [in urine]. Sampling time: at the end of the shift, for long-term exposure after several previous shifts.</li> </ul>
No exposure indices known.	
No exposure indices known.	
No exposure indices known.	
2-Butoxyethanol	NAOSH BGVs (Ireland, 1/2011) BMGV: 200 mg/g creatinine, BAA [in urine]. Sampling time: end o shift - As soon as possible after exposure ceases.

TEKNOCRYL AQUA 2780-00 - TS 0482 OXIDE RED

SECTION 8: Exposure	controls/neu	rsonal protection
•	controis/per	
No exposure indices known.		
Butoxyethanol		Portuguese Institute of Quality (Portugal, 11/2014) BEI: 200 mg/g creatinine, butoxyacetic acid (BAA) [in urine]. Sampling time: end of shift.
No exposure indices known.		
No exposure indices known.		
2-Butoxyethanol	<b>و</b> د	Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 4/2024) BAT: 150 mg/g creatinine, butoxyacetic acid (after hydrolysis) [in urine]. Sampling time: at the end of the work shift, at long-term exposure: at the end of the work shift after several consecutive workdays.
P-Butoxyethanol	-	National institute of occupational safety and health (Spain, 1/2024) VLB: 200 mg/g creatinine, butoxyacetic acid [in urine]. Sampling time: end of shift.
No exposure indices known.		
2-Butoxyethanol	l	SUVA (Switzerland, 1/2025) BEI: 150 mg/g creatinine, 2-butoxy acetic acid (after hydrolisis) [in urine]. Sampling time: immediately after exposure or after working hours. In case of long-term exposure: after more than one shift.
₽-Butoxyethanol	1	EH40/2005 BMGVs (United Kingdom (UK), 1/2020) BGV: 240 mmol/mol creatinine, butoxyacetic acid [in urine]. Sampling time: post shift.
Recommended monitoring procedures	European Standa assessment of ex values and meas atmospheres - G of exposure to ch (Workplace atmos for the measurem	d be made to monitoring standards, such as the following: ard EN 689 (Workplace atmospheres - Guidance for the xposure by inhalation to chemical agents for comparison with limit surement strategy) European Standard EN 14042 (Workplace buide for the application and use of procedures for the assessment hemical and biological agents) European Standard EN 482 pospheres - General requirements for the performance of procedures nent of chemical agents) Reference to national guidance hethods for the determination of hazardous substances will also be
DNELs/DMELs		
Product/ingredient name <b>₽</b> Butoxyethanol		<b>Result</b> DNEL - General population - Long term - Oral 6.3 mg/kg bw/day <u>Effects</u> : Systemic
		<b>DNEL - General population - Short term - Oral</b> 26.7 mg/kg bw/day <u>Effects</u> : Systemic
		<b>DNEL - General population - Long term - Inhalation</b> 59 mg/m <sup>3</sup> <u>Effects</u> : Systemic
		DNEL - Workers - Long term - Inhalation 98 mg/m³
Date of issue/Date of revision TEKNOCRYL AQUA 2780-00 - 1		e of previous issue         : 04/10/2023         Version         : 2         9/22           D         Label No : 38974

	Effects: Systemic
	DNEL - General population - Short term - Inhalation 147 mg/m³ <u>Effects</u> : Local
	<b>DNEL - Workers - Short term - Inhalation</b> 246 mg/m³ <u>Effects</u> : Local
	<b>DNEL - General population - Short term - Inhalation</b> 426 mg/m <sup>3</sup> <u>Effects</u> : Systemic
	<b>DNEL - Workers - Short term - Inhalation</b> 1091 mg/m <sup>3</sup> <u>Effects</u> : Systemic
2,4,7,9-tetramethyl-5-decyne-4,7-diol	<b>DNEL - General population - Long term - Oral</b> 0.29 mg/kg bw/day <u>Effects</u> : Systemic
	<b>DNEL - General population - Long term - Dermal</b> 0.29 mg/kg bw/day <u>Effects</u> : Systemic
	<b>DNEL - General population - Long term - Inhalation</b> 0.505 mg/m <sup>3</sup> <u>Effects</u> : Systemic
	<b>DNEL - Workers - Long term - Dermal</b> 0.812 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 2.86 mg/m <sup>3</sup> Effects: Systemic
1,2-benzisothiazol-3(2H)-one	<b>DNEL - General population - Long term - Dermal</b> 0.345 mg/kg bw/day <u>Effects</u> : Systemic
	<b>DNEL - Workers - Long term - Dermal</b> 0.966 mg/kg bw/day <u>Effects</u> : Systemic
	<b>DNEL - General population - Long term - Inhalation</b> 1.2 mg/m <sup>3</sup> <u>Effects</u> : Systemic
	<b>DNEL - Workers - Long term - Inhalation</b> 6.81 mg/m <sup>3</sup> <u>Effects</u> : Systemic
PNECs	
Netevolleble	

Not available.

8.2 Exposure controls

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Date of issue/Date of revision	: 23/07/2025	Date of previous issue	: 04/10/2023	Ve
TEKNOCRYL AQUA 2780-00 - TS	0482 OXID	E RED		Labo

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. 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: safety glasses with side-shields.			
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.			
	Recommendations : Wear suitable gloves tested to EN374.			
	> 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 mm			
	Not recommended polyvinyl alcohol (PVA) gloves			
Body protection	<ul> <li>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.</li> </ul>			
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 (spray application): A P			
Environmental exposure controls	<ul> <li>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.</li> </ul>			

## **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 Bloosies Later					
Physical state	: Liquid.				
Colour	: Red.				
Odour	: Slight				
Odour threshold	: Not ava	ailable.			
Melting point/freezing point	: Not ava	ailable.			
Initial boiling point and boiling range	:				
Ingredient name		°C	°F	Method	
water		100	212		

		-					
water		100	212				
2-Butoxyethanol		171 to 171.5	339.8 to 340.7	IP 123-93			
Flammability	: Not ava	ilable.	•				
Lower and upper explosion limit		Not applicable. Not applicable.					
Flash point	: Closed	cup: >100°C (>21	2°F)				
Auto-ignition temperature	:						
Ingredient name		°C	°F	Method			
24Butoxyethanol		230	446	DIN 51794			
ate of issue/Date of revision	: 23/07/2025	Date of previous is	sue : 04/10/20	)23	Version	:2	11/22
EKNOCRYL AQUA 2780-00 - T	S 0482 OXID	E RED			Label No	3897	4

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

Decomposition temperature	:	Not available.
рН	:	8.6 to 9.6 [Conc. (% w/w): 100%]
Viscosity	:	Not available.
Solubility(ies)	:	
Not available.		
Solubility in water	:	Not available.
Partition coefficient: n-octanol/ water	:	Not applicable.

#### Vapour pressure

	Va	Vapour Pressure at 20°C		Vapour pressure at 50°C		
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
water	17.5	2.3				
2-Butoxyethanol	0.75006	0.1				
Relative density	: Not	available.	ł	ł		
Density	: 1.2	g/cm³				
Vapour density	: Not	available.				
Particle characteristics						
Median particle size	: Not	applicable.				
0.2 Other information						
9.2.1 Information with reg	ard to physic	al hazard	classes			
Explosive properties	: Not	available.				
<b>Oxidising properties</b>	: Not	available.				
9.2.2 Other safety charact	eristics					
Not applicable.						
SECTION 10: Stabi	lity and re	activity	,			
0.1 Reactivity	: No spe	cific test dat	ta related to react	vity available fo	or this produ	uct or its ingredient
0.2 Chemical stability	: The pro	oduct is stat	ble.			
0.3 Possibility of nazardous reactions	: Under r	normal conc	litions of storage a	and use, hazaro	lous reactio	ons will not occur.

- 10.4 Conditions to avoid : No specific data.
- **10.5 Incompatible materials** : No specific data.

10.6 Hazardous	: Under normal conditions of storage and use, hazardous decomposition products
decomposition products	should not be produced.

## SECTION 11. Toxicological information

SECTION 11: Toxicological information						
11.1 Information on hazard cla	asses as defin	ed in Regulation (EC)	No 1272/2008			
Acute toxicity						
Product/ingredient name		Result				
7,2-benzisothiazol-3(2H)-one		<b>Rat - Oral - LI</b> 1020 mg/kg	050			
Conclusion/Summary [Proc	duct] : Not a	available.				
Acute toxicity estimates						
Date of issue/Date of revision	: 23/07/2025	Date of previous issue	:04/10/2023			
TEKNOCRYL AQUA 2780-00 -	TS 0482 OXIDI	ERED		I		

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalatio (dusts and mist
FEKNOCRYL AQUA 2780-00 2-Butoxyethanol	25267.7 1200	N/A N/A	N/A N/A	63.2 3	(mg/l) N/A N/A
1,2-benzisothiazol-3(2H)-one	450	N/A	N/A	N/A	0.21
Skin corrosion/irritation					
Product/ingredient name	Result				
2-Butoxyethanol		kin - Mild irri	<b>tant</b> pplied: 500 m	g	
2,4,7,9-tetramethyl-5-decyne-4,7-diol		kin - Mild irri	i <b>tant</b> pplied: 0.5 gm	1	
1,2-benzisothiazol-3(2H)-one	Duration of	Skin - Mild irr f treatment/ex ncentration a	<u>(posure</u> : 48 ho	ours	
Conclusion/Summary [Product] : Not availa	able.				
Serious eye damage/eye irritation					
Product/ingredient name	Result				
2-Butoxyethanol	Duration of		<b>ate irritant</b> a <u>posure</u> : 24 ho <u>pplied</u> : 100 m		
		yes - Severe	<b>irritant</b> pplied: 100 m	g	
2,4,7,9-tetramethyl-5-decyne-4,7-diol		yes - Severe ncentration a	<b>irritant</b> pplied: 0.1 MI		
Conclusion/Summary [Product] : Not availa	able.				
Respiratory corrosion/irritation Not available.					
Conclusion/Summary [Product] : Not availa	able.				
Respiratory or skin sensitization					
Not available.					
Skin					
Conclusion/Summary [Product] : Not availa	able.				
Respiratory Conclusion/Summary [Product] : Not availa	able.				
<mark>Germ cell mutagenicity</mark> Not available.					
Conclusion/Summary [Product] : Not availa	able.				
Carcinogenicity					

## **SECTION 11: Toxicological information**

Not available.

Conclusion/Summary [Product] : Not available.

#### **Reproductive toxicity**

Not available.

**Conclusion/Summary [Product]** : Not available.

## Specific target organ toxicity (single exposure)

Not available.

# Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard							
Not available.							
Information on likely routes of exposure							
Not available.							
Potential acute health effect	Potential acute health effects						
Eye contact	: No known significant effects or critical hazards.						
Inhalation	: No known significant effects or critical hazards.						
Skin contact	: No known significant effects or critical hazards.						
Ingestion	: No known significant effects or critical hazards.						
Symptoms related to the ph	ysical, chemical and toxicological characteristics						
Eye contact	: No specific data.						
Inhalation	: No specific data.						
Skin contact	: No specific data.						
Ingestion	: No specific data.						
Delayed and immediate effe	Delayed and immediate effects as well as chronic effects from short and long-term exposure						
<u>Short term exposure</u>							
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 effe	ects						
Not available.							
Conclusion/Summary [Product] : Not available.							
General	: No known significant effects or critical hazards.						
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.						
11.2 Information on other haz	zards						
11.2.1 Endocrine disrupting	properties						
Not available							

Not available.

**Conclusion/Summary [Product]** : The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

Date of issue/Date of revision	: 23/07/2025	Date of previous issue	: 04/10/2023	Version : 2	14/22
TEKNOCRYL AQUA 2780-00 -	S 0482 OXID	E RED		Label No :3897	74

## **SECTION 11: Toxicological information**

#### 11.2.2 Other information

Not available.

## **SECTION 12: Ecological information**

12.1 Toxicity	
Product/ingredient name P-Butoxyethanol	ResultAcute - LC50 - Marine waterFish - Inland silverside - Menidia beryllinaSize: 40 to 100 mm1250000 μg/l [96 hours]Effect: MortalityAcute - LC50 - Marine waterCrustaceans - Common shrimp, sand shrimp - Crangoncrangon
	800000 μg/l [48 hours] <u>Effect</u> : Mortality
2,4,7,9-tetramethyl-5-decyne-4,7-diol	<b>LC50</b> Fish - <i>Cyprinus carpio</i> 42 mg/l [96 hours]
	<b>EC50</b> Daphnia - <i>Daphnia magna</i> 91 mg/l [48 hours]
1,2-benzisothiazol-3(2H)-one	<b>Acute - LC50 - Fresh water</b> OECD [Fish, Acute Toxicity Test] Fish - Trout - <i>Onorhynchus Mykiss</i> 1.9 mg/l [96 hours]
	<b>Acute - EC50</b> OECD 202 [Daphnia sp. Acute Immobilization Test and Reproduction Test] Daphnia - Daphnia - <i>Daphnia Magna</i> 3.7 mg/l [48 hours]
	<b>Acute - EC50 - Marine water</b> OECD 201 [Alga, Growth Inhibition Test] Algae - Algae - <i>Skeletonema Costatum</i> 0.36 mg/l [72 hours]
	<b>Acute - NOEC - Marine water</b> OECD 201 [Alga, Growth Inhibition Test] Algae - Algae - <i>Skeletonema Costatum</i> 0.15 mg/l [72 hours]
Conclusion/Summary [Product]	Not available.
12.2 Persistence and degradability	
Product/ingredient name	Result
√,2-benzisothiazol-3(2H)-one	EU 24% [28 days]
Conclusion/Summary [Product]	Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
7,2-benzisothiazol-3(2H)-one	-	-	Inherent

12.3 Bioaccumulative potential

S	SECTION 12: Ecological information					
	Product/ingredient name	LogPow	BCF	Potential		
	-Butoxyethanol 1,2-benzisothiazol-3(2H)-one	0.81 -	- 3.2	Low Low		

#### 12.4 Mobility in soil

#### Soil/water partition coefficient

Product/ingredient name	logKoc	Кос
P-Butoxyethanol	1.8	67.3685
2,4,7,9-tetramethyl-5-decyne-4,7-diol	1.9	83.8929
1,2-benzisothiazol-3(2H)-one	1.9	73.142

#### **Results of PMT and vPvM assessment**

Product/ingredient name	РМТ	Р	Μ	Т	vPvM	vP	vM
2-Butoxyethanol 2,4,7,9-tetramethyl-	No No						
5-decyne-4,7-diol 1,2-benzisothiazol-3(2H)-one	No						

**Mobility** : Not available.

**Conclusion/Summary** 

: The product does not meet the criteria to be considered as a PMT or vPvM.

#### 12.5 Results of PBT and vPvB assessment

#### Regulation (EC) No. 1907/2006 [REACH]

Product/ingredient name	PBT	Ρ	В	Т	vPvB	vP	vB
2-Butoxyethanol	No	N/A	N/A	No	N/A	N/A	N/A
2,4,7,9-tetramethyl-	No	N/A	N/A	No	N/A	N/A	N/A
5-decyne-4,7-diol							
1,2-benzisothiazol-3(2H)-one	No	N/A	No	No	No	N/A	No

#### Regulation (EC) No. 1272/2008 [CLP]

Product/ingredient name	PBT	Р	В	т	vPvB	vP	vB
2-Butoxyethanol 2,4,7,9-tetramethyl-	No No						
5-decyne-4,7-diol 1,2-benzisothiazol-3(2H)-one	No						

**Conclusion/Summary** : The product does not meet the criteria to be considered as a PBT or vPvB. **Regulation (EC) No. 1272/2008** 

[CLP]

#### 12.6 Endocrine disrupting properties

Not available.

**Conclusion/Summary [Product]** 

: The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

## **SECTION 13: Disposal considerations**

ds
: 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.
<ul> <li>Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.</li> </ul>
: 080112
: 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.
: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

user

14.6 Special precautions for : 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 Maritime transport in : Not relevant/applicable due to nature of the product. bulk according to IMO instruments

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (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.

:04/10/2023

# **SECTION 15: Regulatory information**

Annex XVII - Restrictions or	the manufacture, placing on the market and use of certain dange	erous
substances, mixtures and a		
Labelling	1	
Other EU regulations		
Industrial emissions (integrated pollution prevention and control) - Air	: Not listed	
Industrial emissions (integrated pollution prevention and control) - Water	: Not listed	
Explosive precursors	: Not applicable.	
Ozone depleting substance	<u>es (EU 2024/590)</u>	
Not listed.		
Prior Informed Consent (P Not listed.	IC) (649/2012/EU)	
Persistent Organic Polluta Not listed.	<u>nts</u>	
Seveso Directive This product is not controlled	under the Seveso Directive.	
National regulations		
Austria		
Limitation of the use of organic solvents	: Permitted.	
<u>Belgium</u>		
Book VI carcinogenic ager	nts annex VI.2-1 - VI.2-3	
Ingredient name		Status
Sílice Styrène		Listed Listed
Czech Republic		
Storage code	: IV	
<u>Denmark</u>		
Fire class	: 🕅-1	
MAL-code	: 00-1	
Protection based on MAL	: According to the regulations on work involving coded product stipulations apply to the use of personal protective equipment	
	<b>General:</b> Gloves must be worn for all work that may result in soilin coveralls/protective clothing must be worn when soiling is so great clothes do not adequately protect skin against contact with the pro shield must be worn in work involving spattering if a full mask is no case, other recommended use of eye protection is not required.	that regular work duct. A face
	In all spraying operations in which there is return spray, the followin respiratory protection and arm protectors/apron/coveralls/protectiv appropriate or as instructed.	

# **SECTION 15: Regulatory information**

	Δ	/IAL-code: 00-1 Application: When spraying in existing* spray booths, if the opera spray zone.	ator is outside
	-	Arm protectors must be worn.	
	0	During all spraying where atomisation occurs in cabins or spray bo operator is inside the spray zone and during spraying outside a close or booth.	
	-	Full mask with combined filter, coveralls and hood must be worn.	
	ra	<b>Drying:</b> Items for drying/drying ovens that are temporarily placed of ack trolleys, etc, must be equipped with a mechanical exhaust sysumes from wet items from passing through workers' inhalation zor	stem to preven
	V	<b>Polishing:</b> When polishing treated surfaces, a mask with dust filte When machine grinding, eye protection must be worn. Work gloves vorn.	
	C	Caution The regulations contain other stipulations in addition to th	ne above.
	*	See Regulations.	
Restrictions on use		Not to be used by professional users below 18 years of age. See the Vorking Environment Authorities Executive Order regarding Young	
List of undesirable substances		Not listed	5
Finland			
<u>France</u>			
Social Security Code, Articles L 461-1 to L 461-7		-Butoxyethanol RG 84	
Reinforced medical surveillance		Act of July 11, 1977 determining the list of activities which require r nedical surveillance: not applicable	reinforced
<u>Germany</u>			
		0	
Storage class (TRGS 510)			
Storage class (TRGS 510) <u>Hazardous incident ordina</u>			
Hazardous incident ordina This product is not controlle	<u>ance</u>	ler the Germany Hazardous Incident Ordinance.	
Hazardous incident ordina This product is not controlle Hazard class for water	ance ed und : 1		
Hazardous incident ordina This product is not controlle Hazard class for water	ance ed und : 1		
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class]	ance ed und : 1		%
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class] 2.1 5.2.5	ance ed und : 1	ality control (TA Luft)           Description           Total dust           Organic substances	33.7 22.8
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class]	ance ed und : 1 air qua	ality control (TA Luft)           Description           Total dust           Organic substances           Organic substances           The product contains organically bound halogens and can contribu	33.7 22.8 4.9
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class] 5.2.5 5.2.5 [I] AOX	ance ed und : 1 air qua	ality control (TA Luft)           Description           Total dust           Organic substances           Organic substances	33.7 22.8 4.9
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class] 5.2.5 5.2.5 [I] AOX Italy	ance ed und : 1 air qua : T v	ality control (TA Luft)           Description           Total dust           Organic substances           Organic substances           The product contains organically bound halogens and can contribu	33.7 22.8 4.9
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class] 5.2.5 5.2.5 [I] AOX	ance ed und : 1 air qua : T v	ality control (TA Luft)           Description           Total dust           Organic substances           Organic substances           The product contains organically bound halogens and can contribute value in waste water.	33.7 22.8 4.9
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06	ance ed und : 1 air qua : T v : N : A	ality control (TA Luft)           Description           Total dust           Organic substances           Organic substances           The product contains organically bound halogens and can contribute value in waste water.	33.7 22.8 4.9 Ite to the AOX
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy	ance ed und : 1 air qua : T v : N : A	ality control (TA Luft)         Description         Total dust         Organic substances         Organic substances         The product contains organically bound halogens and can contribute alue in waste water.         Not determined.         A(4) Low hazard for aquatic organisms, may have long-term hazard	33.7 22.8 4.9 Ite to the AOX
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM)	ance ed und : 1 air qua : T v : N : A	ality control (TA Luft)         Description         Total dust         Organic substances         Organic substances         The product contains organically bound halogens and can contribute alue in waste water.         Not determined.         A(4) Low hazard for aquatic organisms, may have long-term hazard	33.7 22.8 4.9 Ite to the AOX
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class] 2.1 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM) Norway	ance ed und : 1 air qua : T v : N : A	ality control (TA Luft)         Description         Total dust         Organic substances         Organic substances         The product contains organically bound halogens and can contribute alue in waste water.         Not determined.         A(4) Low hazard for aquatic organisms, may have long-term hazard	33.7 22.8 4.9 Ite to the AOX
Hazardous incident ordina This product is not controlle Hazard class for water Technical instruction on a Number [Class] 5.2.1 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM) Norway Sweden	ance ed und : 1 air qua : T v : N : A a	ality control (TA Luft)         Description         Total dust         Organic substances         Organic substances         The product contains organically bound halogens and can contribute alue in waste water.         Not determined.         A(4) Low hazard for aquatic organisms, may have long-term hazard	33.7 22.8 4.9 Ite to the AOX

TEKNOCRYL AQUA 2780-00 - TS 0482 OXIDE RED

## **SECTION 15: Regulatory information**

#### 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.

1	5.2	Chem	ical	safety
a	sse	ssme	nt	

: 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	<ul> <li>ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = 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</li> </ul>
	vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

#### Full text of abbreviated H statements

<b>⊮</b> 302	Harmful if swallowed.
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.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

#### Full text of classifications [CLP/GHS]

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 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eve Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	
	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
Date of issue/ Date of	: 23/07/2025

revision

 Date of issue/Date of revision
 : 23/07/2025
 Date of previous issue
 : 04/10/2023
 Version
 : 2
 20/22

 TEKNOCRYL AQUA 2780-00 - TS 0482 OXIDE RED
 Label No
 :38974

## **SECTION 16: Other information**

Date of previous issue	: 04/10/2023
Version	: 2

TEKNOCRYL AQUA 2780-00\_TS 0482 OXIDE TS 0482 OXIDE RED

#### Notice to reader

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.