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

SAFETY DATA SHEET



AQUATOP VIRTA 22 - RAL 7022

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

1.1 Product identifier Product name

: AQUATOP VIRTA 22 - RAL 7022

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 : 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

National advisory body	//Poison	Centre
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Telephone number : In an emergency, call 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] 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	:	No signal word.
Hazard statements	:	No known significant effects or critical hazards.
Precautionary statements		
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	Contains adipohydrazide and 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. Safety data sheet available on request. 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	:	

2.3 Other hazards

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SECTION 2: Hazards identification

 Product meets the criteria
 : This mixture does not contain any substances that are assessed to be a PBT or a for PBT or vPvB according

 to Regulation (EC) No.
 vPvB.

 1907/2006, Annex XIII
 vPvB.

Other hazards which do : None known. not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures	: Mixture				
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
2-(2-butoxyethoxy)ethanol	REACH #: 01-2119475104-44 EC: 203-961-6 CAS: 112-34-5 Index: 603-096-00-8	≤3	Eye Irrit. 2, H319	-	[1] [2]
titanium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7	≤3	Carc. 2, H351 (inhalation)	-	[1] [*]
adipohydrazide	REACH #: 01-2119962900-36 EC: 213-999-5 CAS: 1071-93-8	<1	Skin Sens. 1, H317 Aquatic Chronic 2, H411	-	[1]
1,2-benzisothiazol-3(2H)- one	EC: 220-120-9 CAS: 2634-33-5 Index: 613-088-00-6	<0.036	Acute Tox. 4, H302 Acute Tox. 2, H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 See Section 16 for the full text of the H statements declared	ATE [Oral] = 450 mg/kg ATE [Inhalation (dusts and mists)] = 0.21 mg/l Skin Sens. 1, H317: C $\geq 0.036\%$ M [Acute] = 1 M [Chronic] = 1	[1]

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

[*] 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 \leq 10 µm not bound within a matrix.

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

SECTION 4: 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.

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Indection	. Mean out mouth with water If material has been awallowed and the averaged
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.
	s and effects, both acute and delayed
Over-exposure signs/sympt	<u>oms</u>
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.
4.3 Indication of any immedia	ate 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: Firefight	ing 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 fr	om 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.
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 i 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 chemical incidents.

6.1 Personal precautions, pro	ote	ctive equipm	ent and emergency pro	cedures			
For non-emergency personnel	:	Evacuate su	all be taken involving any rrounding areas. Keep u o not touch or walk throug quipment.	nnecessary and unp	protected perso	onnel	from
For emergency responders	:	information i	d clothing is required to de n Section 8 on suitable ar n "For non-emergency pe	nd unsuitable mater			
6.2 Environmental precautions	:	and sewers.	sal of spilt material and ru Inform the relevant auth wers, waterways, soil or a	orities if the product			
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SECTION 6: Accidental release measures

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.
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	: 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).
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 solutions	: Not available.

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-(2-butoxyethoxy)ethanol	Regulation on Limit Values - MAC (Austria, 4/2021) TWA 8 hours: 10 ppm. TWA 8 hours: 67.5 mg/m ³ . PEAK 15 minutes: 15 ppm 4 times per shift. PEAK 15 minutes: 101.2 mg/m ³ 4 times per shift.
2 -(2-butoxyethoxy)ethanol	Limit values (Belgium, 12/2023) STEL 15 minutes: 15 ppm. TWA 8 hours: 10 ppm. TWA 8 hours: 67.5 mg/m ³ . STEL 15 minutes: 101.2 mg/m ³ .
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2-(2-butoxyethoxy)ethanol	Ministry of Labour and Social Policy and the Ministry of Health - Ordinance No 13/2003. (Bulgaria, 4/2024) Limit value 8 hours: 67.5 mg/m ³ . Limit value 15 minutes: 101.2 mg/m ³ . Limit value 15 minutes: 15 ppm. Limit value 8 hours: 10 ppm.
2-(2-butoxyethoxy)ethanol	Ordinance on the protection of workers from exposure to hazardous chemicals at work, exposure limit values (Annex (Croatia, 12/2023) STELV 15 minutes: 101.2 mg/m ³ . STELV 15 minutes: 15 ppm. ELV 8 hours: 67.5 mg/m ³ . ELV 8 hours: 10 ppm.
2-(2-butoxyethoxy)ethanol	Department of labour inspection (Cyprus, 7/2021) STEL 15 minutes: 15 ppm. STEL 15 minutes: 101.2 mg/m ³ . TWA 8 hours: 10 ppm. TWA 8 hours: 67.5 mg/m ³ .
-(2-butoxyethoxy)ethanol	Government regulation of Czech Republic PEL/NPK-P (Czec Republic, 12/2023) TWA 8 hours: 67.5 mg/m ³ . TWA 8 hours: 10 ppm. STEL 15 minutes: 101.2 mg/m ³ . STEL 15 minutes: 15 ppm.
-(2-butoxyethoxy)ethanol	Working Environment Authority (Denmark, 3/2024) TWA 8 hours: 68 mg/m ³ . TWA 8 hours: 10 ppm. STEL 15 minutes: 15 ppm. STEL 15 minutes: 101 mg/m ³ .
-(2-butoxyethoxy)ethanol	Occupational exposure limits, Regulation No. 293 (Estonia, 4/2024) TWA 8 hours: 10 ppm. TWA 8 hours: 67.5 mg/m ³ .
-(2-butoxyethoxy)ethanol	EU OEL (Europe, 1/2022) TWA 8 hours: 67.5 mg/m ³ . TWA 8 hours: 10 ppm. STEL 15 minutes: 101.2 mg/m ³ . STEL 15 minutes: 15 ppm.
-(2-butoxyethoxy)ethanol	Institute of Occupational Health, Ministry of Social Affairs (Finland, 10/2021) TWA 8 hours: 10 ppm. TWA 8 hours: 68 mg/m ³ .
-(2-butoxyethoxy)ethanol	Ministry of Labor (France, 6/2024) STEL 15 minutes: 101.2 mg/m ³ . Notes: Indicative regulatory lim values (decree of 30-06-2004 modified) STEL 15 minutes: 15 ppm. Notes: Indicative regulatory limit values (decree of 30-06-2004 modified) TWA 8 hours: 67.5 mg/m ³ . Notes: Indicative regulatory limit values (decree of 30-06-2004 modified) TWA 8 hours: 10 ppm. Notes: Indicative regulatory limit values (decree of 30-06-2004 modified)
-(2-butoxyethoxy)ethanol	 TRGS 900 OEL (Germany, 6/2024) TWA 8 hours: 67 mg/m³. PEAK 15 minutes: 100.5 mg/m³. TWA 8 hours: 10 ppm. PEAK 15 minutes: 15 ppm. DFG MAC-values list (Germany, 7/2023) Develop C. TWA 8 hours: 67 mg/m³. PEAK 15 minutes: 100.5 mg/m³ 4 times per shift [Interval: 1 hour]. PEAK 15 minutes: 15 ppm 4 times per shift [Interval: 1 hour].

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1,2-benzisothiazol-3(2H)-one	DFG MAC-values list (Germany, 7/2023) Skin sensitiser.
2-(2-butoxyethoxy)ethanol	Presidential Decree 307/1986: Occupational exposure limit values (Greece, 9/2021) STEL 15 minutes: 101.2 mg/m ³ . STEL 15 minutes: 15 ppm. TWA 8 hours: 67.5 mg/m ³ . TWA 8 hours: 10 ppm.
2-(2-butoxyethoxy)ethanol	5/2020. (II. 6.) ITM Decree (Hungary, 12/2023) TWA 8 hours: 67.5 mg/m ³ . PEAK 15 minutes: 101.2 mg/m ³ . PEAK 15 minutes: 15 ppm. TWA 8 hours: 10 ppm.
-(2-butoxyethoxy)ethanol	Ministry of Welfare, List of Exposure Limits (Iceland, 11/2023) STEL 15 minutes: 101.2 mg/m ³ . STEL 15 minutes: 15 ppm. TWA 8 hours: 67.5 mg/m ³ . TWA 8 hours: 10 ppm.
-(2-butoxyethoxy)ethanol	 NAOSH (Ireland, 4/2024) Notes: EU derived Occupational Exposure Limit Values OELV 8 hours: 10 ppm. OELV 15 minutes: 101.2 mg/m³. OELV 8 hours: 67.5 mg/m³. OELV 15 minutes: 15 ppm.
-(2-butoxyethoxy)ethanol	Legislative Decree No. 81/2008. Title IX. Protection from chemical agents, carcinogens and mutagens (Italy, 6/2020) Limit value 8 hours: 10 ppm. Limit value 8 hours: 67.5 mg/m ³ . Short Term 15 minutes: 15 ppm. Short Term 15 minutes: 101.2 mg/m ³ .
-(2-butoxyethoxy)ethanol	Ministers Cabinet Regulations Nr.325 - AER (Latvia, 3/2024) STEL 15 minutes: 101.2 mg/m ³ . TWA 8 hours: 10 ppm. STEL 15 minutes: 15 ppm. TWA 8 hours: 67.5 mg/m ³ .
-(2-butoxyethoxy)ethanol	Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2024) TWA 8 hours: 67.5 mg/m ³ . TWA 8 hours: 10 ppm. STEL 15 minutes: 101.2 mg/m ³ . STEL 15 minutes: 15 ppm.
-(2-butoxyethoxy)ethanol	Grand-Duchy Regulation 2016. Chemical agents. Annex I (Luxembourg, 3/2021) STEL 15 minutes: 15 ppm. STEL 15 minutes: 101.2 mg/m ³ . TWA 8 hours: 10 ppm. TWA 8 hours: 67.5 mg/m ³ .
-(2-butoxyethoxy)ethanol	EU OEL (Europe, 1/2022) TWA 8 hours: 67.5 mg/m ³ . TWA 8 hours: 10 ppm. STEL 15 minutes: 101.2 mg/m ³ . STEL 15 minutes: 15 ppm.
2-(2-butoxyethoxy)ethanol	Ministry of Social Affairs and Employment, Legal limit value (Netherlands, 5/2024) Absorbed through skin. TWA 8 hours: 50 mg/m ³ . STEL 15 minutes: 100 mg/m ³ . TWA 8 hours: 7.4 ppm. STEL 15 minutes: 14.8 ppm.
2-(2-butoxyethoxy)ethanol	FOR-2011-12-06-1358 (Norway, 12/2022) TWA 8 hours: 10 ppm. TWA 8 hours: 68 mg/m ³ .

₽-(2-butoxyethoxy)ethanol	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, 8/2023) TWA 8 hours: 67 mg/m ³ . STEL 15 minutes: 100 mg/m ³ .
2-(2-butoxyethoxy)ethanol	Portuguese Institute of Quality (Portugal, 11/2014) TWA 8 hours: 10 ppm. Form: Inhalable fraction and vapor.
	HG 1218/2006, Annex 1, with subsequent modifications and additions (Romania, 3/2024) VLA 8 hours: 67.5 mg/m ³ . Short term 15 minutes: 101.2 mg/m ³ . Short term 15 minutes: 15 ppm. VLA 8 hours: 10 ppm.
✓(2-butoxyethoxy)ethanol	Government regulation SR c. 355/2006 (Slovakia, 7/2024) Inhalation sensitiser. TWA 8 hours: 67.5 mg/m ³ . STEL 15 minutes: 101.2 mg/m ³ . TWA 8 hours: 10 ppm. STEL 15 minutes: 15 ppm.
2-(2-butoxyethoxy)ethanol	Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 4/2024) TWA 8 hours: 67.5 mg/m ³ . TWA 8 hours: 10 ppm. KTV 15 minutes: 101.2 mg/m ³ 4 times per shift [time between two exposure events at this concentration must be at least 60 minutes]. KTV 15 minutes: 15 ppm 4 times per shift [time between two exposure events at this concentration must be at least 60 minutes].
2-(2-butoxyethoxy)ethanol	National institute of occupational safety and health (Spain, 1/2024) TWA 8 hours: 67.5 mg/m ³ . TWA 8 hours: 10 ppm. STEL 15 minutes: 15 ppm. STEL 15 minutes: 101.2 mg/m ³ .
2-(2-butoxyethoxy)ethanol	Work environment authority Regulation 2018:1 (Sweden, 11/2022) TWA 8 hours: 10 ppm. TWA 8 hours: 68 mg/m ³ . STEL 15 minutes: 15 ppm. STEL 15 minutes: 101 mg/m ³ .
2-(2-butoxyethoxy)ethanol	SUVA (Switzerland, 1/2024) TWA 8 hours: 67 mg/m ³ . Form: vapour and aerosols. STEL 15 minutes: 101 mg/m ³ . Form: vapour and aerosols. STEL 15 minutes: 15 ppm. Form: vapour and aerosols. TWA 8 hours: 10 ppm. Form: vapour and aerosols.
₽-(2-butoxyethoxy)ethanol	EH40/2005 WELs (United Kingdom (UK), 1/2020) TWA 8 hours: 10 ppm. TWA 8 hours: 67.5 mg/m ³ . STEL 15 minutes: 15 ppm. STEL 15 minutes: 101.2 mg/m ³ .

Biological exposure indices

Product/ingredient	name	Exposure indices
No exposure indices known.		
•	Deference chai	
Recommended monitoring a	European Stand assessment of values and mea atmospheres - (of exposure to of (Workplace atm for the measure	ald be made to monitoring standards, such as the following: dard EN 689 (Workplace atmospheres - Guidance for the exposure by inhalation to chemical agents for comparison with limit asurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment chemical and biological agents) European Standard EN 482 hospheres - General requirements for the performance of procedures ement of chemical agents) Reference to national guidance methods for the determination of hazardous substances will also be
DNELs/DMELs	1	
Product/ingredient name		Result

2-(2-butoxyethoxy)ethanol	DNEL - General population - Lon 6.25 mg/kg bw/day <u>Effects</u> : Systemic	g term - Oral
	DNEL - Workers - Long term - In l 67.5 mg/m³ <u>Effects</u> : Local	halation
	DNEL - Workers - Short term - In 101.2 mg/m³ <u>Effects</u> : Local	halation
titanium dioxide	DNEL - General population - Lon 28 μg/m³ <u>Effects</u> : Local	g term - Inhalation
	DNEL - Workers - Long term - In 170 μg/m³ <u>Effects</u> : Local	halation
adipohydrazide	DNEL - Workers - Long term - In 17.5 mg/m³ <u>Effects</u> : Systemic	halation
1,2-benzisothiazol-3(2H)-one	DNEL - General population - Lon 0.345 mg/kg bw/day <u>Effects</u> : Systemic	g term - Dermal
	DNEL - Workers - Long term - De 0.966 mg/kg bw/day <u>Effects</u> : Systemic	ermal
	DNEL - General population - Lon 1.2 mg/m³ <u>Effects</u> : Systemic	g term - Inhalation
	DNEL - Workers - Long term - In 6.81 mg/m³ <u>Effects</u> : Systemic	halation
21/20		
PNECs Not available.		
8.2 Exposure controls		
Appropriate engineering controls	: Good general ventilation should be sufficient to control v contaminants.	vorker exposure to airborne
Individual protection measu	<u>res</u>	
Hygiene measures	: Wash hands, forearms and face thoroughly after handlin before eating, smoking and using the lavatory and at the Appropriate techniques should be used to remove poter Wash contaminated clothing before reusing. Ensure that safety showers are close to the workstation location.	e end of the working period. Itially contaminated clothing.
Eye/face protection	: Safety eyewear complying with an approved standard sh assessment indicates this is necessary to avoid exposu gases or dusts. If contact is possible, the following prote unless the assessment indicates a higher degree of pro- side-shields.	re to liquid splashes, mists, ection should be worn,
Skin protection		
Hand protection	: Chemical-resistant, impervious gloves complying with a be worn at all times when handling chemical products if this is necessary.	
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SECTION 8: Exposure controls/personal protection

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	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	Personal protective equipment for the body should be selected based on the tas being performed and the risks involved and should be approved by a specialist before handling this product.	sk
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.	be
Respiratory protection	Based on the hazard and potential for exposure, select a respirator that meets t appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other impor aspects of use.	
	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 proce equipment will be necessary to reduce emissions to acceptable levels.	

SECTION 9: Physical and chemical properties

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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	: Dark grey.
Odour	: Slight
Odour threshold	: Not available.
Melting point/freezing point	: Not available.
Initial boiling point and boiling range	:

	Ingredient name		°C	°F	Method
	water		100	212	
	2-(2-butoxyethoxy)ethanol		225 to 227.6	437 to 441.7	
F	lammability	: Not ava	ilable.		
	ower and upper explosion mit		Not applicable. Not applicable.		

Flash point

: Closed cup: >100°C (>212°F)

Auto-ignition temperature

Ingredient name		°C	°F	Method	
2-(2-butoxyethoxy)ethanol		210	410	DIN 51794	
Decomposition temperature	: Not	available.			
pH	: 🎖 to	8.5 [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

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	V	apour Pres	sure at 20°C	V	apour pres	sure at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
water	17.5	2.3				
2-(2-butoxyethoxy)ethanol	0.022	0.0029				
Relative density	: No	t available.		ı		
Density	: 1.1	g/cm³				
Vapour density	: No	t available.				
Particle characteristics						
Median particle size	: No	t applicable.				
9.2 Other information						
9.2.1 Information with regar	rd to physi	cal hazard o	classes			
Explosive properties		t available.				
Oxidising properties	: No	t available.				
9.2.2 Other safety character	ristics					
Not applicable.						
SECTION 10: Stabilit	y and r	eactivity				
0.1 Reactivity	: No spe	cific test dat	a related to reacti	ivity available fo	or this produ	ict or its ingredie
10.2 Chemical stability	: The pro	oduct is stab	le.			
10.3 Possibility of nazardous reactions	: Under	normal cond	litions of storage a	and use, hazaro	dous reactio	ns will not occur.
10.4 Conditions to avoid	: No spe	ecific data.				
10.5 Incompatible materials	: No spe	cific data.				
0.6 Hazardous decomposition products		normal cond not be prodi	litions of storage a uced.	and use, hazaro	lous decom	position products
SECTION 11: Toxico	logical	informat	ion			
11.1 Information on hazard c				No 1272/2008		
Acute toxicity			2 . ,			
Product/ingredient name			Result			
2 (2 butoxyothoxy)othonol			Pabbit Darm			

2-(2-butoxyethoxy)ethanol

Rabbit - Dermal - LD50 2700 mg/kg

Rat - Oral - LD50 4500 mg/kg Toxic effects: Behavioral - Tetany Lung, Thorax, or Respiration - Dyspnea Liver - Other changes

1,2-benzisothiazol-3(2H)-one

Rat - Oral - LD50 1020 mg/kg

Conclusion/Summary [Product] : Not available.

Acute toxicity estimates

Product/ingredient name	Oral (mg kg)	/ Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists (mg/l)
QUATOP VIRTA 22 2-(2-butoxyethoxy)ethanol 1,2-benzisothiazol-3(2H)-one	N/A 4500 450	N/A 2700 N/A	N/A N/A N/A	720.7 N/A N/A	N/A N/A 0.21
Skin corrosion/irritation					
Product/ingredient name	Result				
Manium dioxide	Human Duration	- Skin - Mild in of treatment/ex /concentration a	xposure: 72 ho		
1,2-benzisothiazol-3(2H)-one	Duration	- Skin - Mild in of treatment/ei /concentration a	xposure: 48 ho	ours	
Conclusion/Summary [Product] : No	t available.				
Serious eye damage/eye irritation					
Product/ingredient name	Result				
-(2-butoxyethoxy)ethanol	Duration	- Eyes - Modera n of treatment/ex /concentration a	xposure: 24 ho		
		- Eyes - Severe			
Conclusion/Summary [Product] : No	t available.				
Respiratory corrosion/irritation Not available.					
Conclusion/Summary [Product] : No	t available.				
Respiratory or skin sensitization Not available.					
Skin Conclusion/Summary [Product] : No	t available.				
Respiratory					
Conclusion/Summary [Product] : No	t avallable.				
<mark>Germ cell mutagenicity</mark> Not available.					
Conclusion/Summary [Product] :	t available.				

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. Not available.

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SECTION 11: Toxicological information

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	ts
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	sysical, 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	ects 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 effe	<u>ects</u>
Not available.	
Conclusion/Summary [Pro	oduct] : 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 has	zards
11.2.1 Endocrine disrupting Not available.	properties
Conclusion/Summary [Pro	 pduct] : 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.
11.2.2 Other information Not available.	

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SECTION 12: Ecological information

Result Acute - LC50 - Fresh water Fish - Bluegill - <i>Lepomis macrochirus</i> <u>Size</u> : 33 to 75 mm 300000 μg/l [96 hours] <u>Siffect</u> : Mortality Acute - LC50 - Marine water Find the batematicut
ish - Bluegill - <i>Lepomis macrochirus</i> <u>size</u> : 33 to 75 mm 300000 μg/l [96 hours] <u>iffect</u> : Mortality Acute - LC50 - Marine water
<u>size</u> : 33 to 75 mm 300000 μg/l [96 hours] <u>fffect</u> : Mortality cute - LC50 - Marine water
300000 μg/l [96 hours] <u>:ffect</u> : Mortality Acute - LC50 - Marine water
<u>iffect</u> : Mortality Acute - LC50 - Marine water
Tele Museusielee - Fundulue lesteurs stitue
ish - Mummichog - <i>Fundulus heteroclitus</i>
1000000 μg/l [96 hours] <u>:ffect</u> : Mortality
Acute - LC50 - Fresh water
Crustaceans - Water flea - <i>Ceriodaphnia dubia</i> - Neonate
mg/l [48 hours]
<u>:ffect</u> : Mortality
cute - LC50 - Fresh water
DECD [Fish, Acute Toxicity Test]
ïsh - Trout - <i>Onorhynchus Mykiss</i> .9 mg/l [96 hours]
Acute - EC50
DECD 202 [Daphnia sp. Acute Immobilization Test and
Reproduction Test] Daphnia - Daphnia - <i>Daphnia Magna</i>
.7 mg/l [48 hours]
cute - EC50 - Marine water
DECD 201 [Alga, Growth Inhibition Test]
lgae - Algae - <i>Skeletonema Costatum</i> .36 mg/l [72 hours]
cute - NOEC - Marine water
ECD 201 [Alga, Growth Inhibition Test]
Igae - Algae - Skeletonema Costatum
1

12.2 Persistence and degradability

Product/ingredient name

1,2-benzisothiazol-3(2H)-one

Result

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

Product/ingredient name	LogPow	BCF	Potential
2-(2-butoxyethoxy)ethanol	1	-	Low
1,2-benzisothiazol-3(2H)-one	-	3.2	Low

12.4 Mobility in soil Soil/water partition coefficient

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:02/11/2023

adipohydrazide1.7455.21651,2-benzisothiazol-3(2H)-one1.8673.142Results of PMT and vPvM assessmentProduct/ingredient namePMTPMTvPvMvPvM2-(2-butoxyethoxy)ethanolNoNoNoNoNoNoNoNotitanium dioxideNoNoNoNoNoNoNoNoNoadipohydrazideNoNoNoNoNoNoNoNo	Product/ingredient name		logKoc			Кос			
1,2-benzisothiazol-3(2H)-one1.8673.142Results of PMT and vPvM assessmentProduct/ingredient namePMTPMTvPvMvPvM2-(2-butoxyethoxy)ethanol titanium dioxide adipohydrazideNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNo	(2-butoxyethoxy)ethanol adipohydrazide 1,2-benzisothiazol-3(2H)-one		1.56			36.5981			
Results of PMT and vPvM assessmentProduct/ingredient namePMTPMTvPvMvPvM2-(2-butoxyethoxy)ethanol titanium dioxide adipohydrazideNo									
Product/ingredient namePMTPMTvPvMvPvM2-(2-butoxyethoxy)ethanol titanium dioxide adipohydrazideNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNo			1.86						
Z-(2-butoxyethoxy)ethanol titanium dioxideNoNoNoNoNoNoadipohydrazideNoNoNoNoNoNoNo	Results of PMT and vPvM as	ssessme	nt			·			
titanium dioxideNoNoNoNoNoNoadipohydrazideNoNoNoNoNoNo	Product/ingredient name	РМТ	Р	Μ	т	vPvM	vP	vM	
adipohydrazide No No No No No No	2-(2-butoxyethoxy)ethanol	No	No	No	No	No	No	No	
	titanium dioxide	No	No	No	No	No	No	No	
1,2-benzisothiazol-3(2H)-one No No No No No No No	adipohydrazide	No	No	No	No	No	No	No	
		NI-	No	No	No	No	No	No	
Mobility : Not available.	1,2-penzisothiazol-3(2H)-one	INO	INO	INU	NO	NO	NO	110	
Conclusion/Summary : The product does not meet the criteria to be considered as a PMT or vF	1,2-benzisothiazol-3(2H)-one			INO	NO		110	110	
		: Not av	vailable.						
2.5 Results of PBT and vPvR assessment	Mobility Conclusion/Summary	: Notav	vailable. The produc						
	Mobility Conclusion/Summary 2.5 Results of PBT and vPvE	: Not av : Sot av	vailable. The produc						
Regulation (EC) No. 1907/2006 [REACH]	Mobility Conclusion/Summary 2.5 Results of PBT and vPvE Regulation (EC) No. 1907/20	Not av : Not av : B assess 06 [REAC	vailable. The produc ment CH]	t does not n	neet the crite	ria to be consi	idered as a l	PMT or vPv	
Regulation (EC) No. 1907/2006 [REACH]Product/ingredient namePBTPBTvPvBvPvB	Mobility Conclusion/Summary 2.5 Results of PBT and vPvE Regulation (EC) No. 1907/20 Product/ingredient name	: Not av : 3 assess 06 [REAC PBT	vailable. The produc ment CH]	t does not n B	neet the crite	ria to be consi vPvB	idered as a l	PMT or vPv	
Regulation (EC) No. 1907/2006 [REACH]Product/ingredient namePBTPBTvPvBvPvB	Mobility Conclusion/Summary 2.5 Results of PBT and vPvE Regulation (EC) No. 1907/20 Product/ingredient name 2-(2-butoxyethoxy)ethanol	: Not av : 3 assess 06 [REA0 PBT No	vailable. The produc ment CH] P No	t does not n B No	neet the crite	vPvB	idered as a l vP No	PMT or vPv vB No	
2-(2-butoxyethoxy)ethanol No No No No No No No	Mobility Conclusion/Summary 2.5 Results of PBT and vPvE Regulation (EC) No. 1907/20 Product/ingredient name 2-(2-butoxyethoxy)ethanol titanium dioxide	: Not av : 3 assessi 06 [REA0 PBT No No No	vailable. The production ment CH] P No No	t does not n B No No	neet the crite	vPvB	idered as a l	PMT or vPv vB No No	

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

• • • •							
Product/ingredient name	PBT	Р	В	т	vPvB	vP	vB
2-(2-butoxyethoxy)ethanol	No	No	No	No	No	No	No
titanium dioxide	No	No	No	No	No	No	No
adipohydrazide	No	No	No	No	No	No	No
1,2-benzisothiazol-3(2H)-one	No	No	No	No	No	No	No

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

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

13.1 Waste treatment metho	ds
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.
European waste catalogue (EWC) <u>Packaging</u>	: 080112

SECTION 13: Disposal considerations

•	
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. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	•			
	ADR/RID	ADN	IMDG	ΙΑΤΑ
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 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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

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Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

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

Product/ingredient name	%	Designation [Usage]
(2-butoxyethoxy)ethanol	≤3	55 [Consumer paint]

Labelling

Other EU regulations		
Industrial emissions (integrated pollution prevention and control) - Air	:	Not listed
Industrial emissions (integrated pollution prevention and control) - Water	:	Not listed
Date of issue/Date of revision		: 02/06/2025

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ECTION 45. Demulate	nuinformation		
ECTION 15: Regulato	-		
	Not applicable.		
Ozone depleting substances Not listed.	(EU 2024/590)		
Prior Informed Consent (PIC)	(649/2012/EU)		
Not listed.			
Persistent Organic Pollutants Not listed.	<u>1</u>		
Seveso Directive			
This product is not controlled ur	nder the Seveso Directive.		
lational regulations			
Austria			
Limitation of the use of : organic solvents	Permitted.		
<u>Belgium</u>			
Book VI carcinogenic agents	annex VI.2-1 - VI.2-3		1-
Ingredient name			Status
Noirs de charbon			Listed
Czech Republic			
	IV		
Denmark			
	₩-1		
Executive Order No. 1795/201	5		1
Ingredient name		Annex I Section A	Annex I Section B
Manium dioxide carbon black respirable		Listed Listed	-
	00-1 According to the regulations on wo stipulations apply to the use of pers General: Gloves must be worn for all coveralls/protective clothing must be wo clothes do not adequately protect skin shield must be worn in work involving a case, other recommended use of eye In all spraying operations in which ther air supply and arm protectors/apron/co appropriate or as instructed. MAL-code: 00-1 Application: When spraying in existin spray zone. - Arm protectors must be worn. During all spraying where atomisation operator is inside the spray zone and o or booth.	sonal protective equip work that may result in yorn when soiling is so g against contact with the spattering if a full mask protection is not require re is return spray, respir overalls/protective clothing ng* spray booths, if the occurs in cabins or spray	soiling. Apron/ great that regular work product. A face is not required. In this ad. atory protection with ing must be worn as operator is outside the
	- Air-supplied half mask, coveralls and	hood must be worn.	

SECTION 15: Regulatory information

		Drying: Items for drying/drying ovens that are temporarily placed on such rack trolleys, etc, must be equipped with a mechanical exhaust system to fumes from wet items from passing through workers' inhalation zone.	
		Polishing: When polishing treated surfaces, a mask with dust filter must When machine grinding, eye protection must be worn. Work gloves must worn.	
		Caution The regulations contain other stipulations in addition to the above	/e.
		*See Regulations.	
Low-boiling liquids	:	This product contains low-boiling point liquids. Any respiratory protective eshould be air-fed.	equipmen
Restrictions on use	:	Not to be used by professional users below 18 years of age. See the Natio Working Environment Authorities Executive Order regarding Young Peop	
List of undesirable substances	:	Not listed	
Carcinogenic waste	:	Waste containers must be labeled: Contains a substance or substances r by Danish working environment legislation on cancer risks.	egulated
Finland			
France			
Social Security Code, Articles L 461-1 to L 461-7		2-(2-butoxyethoxy)ethanol RG 84	
Reinforced medical surveillance	:	Act of July 11, 1977 determining the list of activities which require reinforce medical surveillance: not applicable	ed
		-	
This product is not controlled Hazard class for water	d ur :	der the Germany Hazardous Incident Ordinance. 1	
This product is not controlled Hazard class for water Technical instruction on a	d ur :	der the Germany Hazardous Incident Ordinance. 1	%
This product is not controlled Hazard class for water	d ur :	ider the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft)	6.2
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 5.2.4 [III] 5.2.5 5.2.5 [I]	d ur : ir q	Index the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances	6.2 0.068 32.7 2.2
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06	d ur : ir q :	Inder the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to the	6.2 0.068 32.7 2.2
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 2.1 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy	d ur : ir q :	Inder the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to the value in waste water.	6.2 0.068 32.7 2.2 e AOX
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 5.2.1 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM)	d ur : ir q :	Ader the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to th value in waste water. Not determined. A(4) Low hazard for aquatic organisms, may have long-term hazardous er	6.2 0.068 32.7 2.2 e AOX
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM) Norway	d ur : ir q :	Ader the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to th value in waste water. Not determined. A(4) Low hazard for aquatic organisms, may have long-term hazardous er	6.2 0.068 32.7 2.2 e AOX
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 2.1 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM) Norway Sweden	d ur : ir q :	Ader the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to th value in waste water. Not determined. A(4) Low hazard for aquatic organisms, may have long-term hazardous er	6.2 0.068 32.7 2.2 e AOX
Hazard class for water Technical instruction on a Number [Class] 5.2.4 [III] 5.2.5	d ur : ir q : :	Ader the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to th value in waste water. Not determined. A(4) Low hazard for aquatic organisms, may have long-term hazardous er	6.2 0.068 32.7 2.2 e AOX
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 2.1 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM) Norway Sweden Switzerland	d ur : ir q : :	Ader the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to the value in waste water. Not determined. A(4) Low hazard for aquatic organisms, may have long-term hazardous eraquatic environment. Decontamination effort: A	6.2 0.068 32.7 2.2 e AOX
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 2.1 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM) Norway Sweden Switzerland VOC content tternational regulations	d ur : ir q : :	Ader the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to the value in waste water. Not determined. A(4) Low hazard for aquatic organisms, may have long-term hazardous eraquatic environment. Decontamination effort: A	6.2 0.068 32.7 2.2 e AOX
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 2.1 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM) Norway Sweden Switzerland VOC content tternational regulations	d ur : ir q : :	Ider the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to the value in waste water. Not determined. A(4) Low hazard for aquatic organisms, may have long-term hazardous er aquatic environment. Decontamination effort: A Exempt.	6.2 0.068 32.7 2.2 e AOX
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 2.1 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM) Norway Sweden Switzerland VOC content International regulations Chemical Weapon Convention Not listed.	d ur : ir q : :	Ider the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to the value in waste water. Not determined. A(4) Low hazard for aquatic organisms, may have long-term hazardous er aquatic environment. Decontamination effort: A Exempt.	6.2 0.068 32.7 2.2 e AOX
This product is not controlled Hazard class for water Technical instruction on a Number [Class] 2.1 5.2.4 [III] 5.2.5 5.2.5 [I] AOX Italy D.Lgs. 152/06 Netherlands Water Discharge Policy (ABM) Norway Sweden Switzerland VOC content Iternational regulations Content International regulations Content International regulations	d ur : ir q : :	Ider the Germany Hazardous Incident Ordinance. 1 uality control (TA Luft) Description Total dust Gaseous inorganic substances Organic substances Organic substances Organic substances Organic substances The product contains organically bound halogens and can contribute to the value in waste water. Not determined. A(4) Low hazard for aquatic organisms, may have long-term hazardous er aquatic environment. Decontamination effort: A Exempt.	6.2 0.068 32.7 2.2 e AOX

SECTION 15: Regulatory information

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	1	This product contains substances for which Chemical Safety Assessments are still
assessment		required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	 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 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

H 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.
H351	Suspected of causing cancer.
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.

Full text of classifications [CLP/GHS]

Acute Tox. 2 Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Carc. 2 Eye Dam. 1 Eye Irrit. 2 Skin Irrit. 2 Skin Sens. 1 Skin Sens. 1A	ACUTE TOXICITY - Category 2 ACUTE TOXICITY - Category 4 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 CARCINOGENICITY - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2 SKIN SENSITISATION - Category 1 SKIN SENSITISATION - Category 1
Date of issue/ Date of revision	: 02/06/2025
Date of previous issue	: 02/11/2023
Version	: 2

Notice to reader

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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.

Date of issue/Date of revision AQUATOP VIRTA 22 - RAL 7022