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

SAFETY DATA SHEET



AQUATOP 2600-92 - All variants

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

1.1 Product identifier Product name

e : AQUATOP 2600-92 - All variants

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

National advisory body/Poison Centre

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]

Skin Sens. 1, H317

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

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

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

2.2 Label elements

Hazard pictograms



Signal word Hazard statements Precautionary statements	: Warning : H317 - May cause an allergic skin reaction.
Prevention	: P280 - Wear protective gloves. P261 - Avoid breathing vapour.
Response	 P362 + P364 - Take off contaminated clothing and wash it before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.
Storage	: Not applicable.
Disposal	: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	 Contains: EO bis(benztriazolyl)phenylpropionat; 1,2-benzisothiazol-3(2H)-one; 2-methyl-2H-isothiazol-3-one and 2-Octyl-2H-isothiazol-3-one

SECTION 2: Hazards identification

Supplemental label : Contains biocidal products for in-can preservation: BIT and Bronopol and MIT and OIT and DTBMA and MBIT. Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles :

2.3 Other hazards

Product meets the criteria
for PBT or vPvB according
to Regulation (EC) No.
1907/2006, Annex XIII: This mixture does not contain any substances that are assessed to be a PBT or a
vPvB.Other hazards which do
not result in classification: None known.

SECTION 3: Composition/information on ingredients

$\begin{array}{c} 1.2-0 \text{ berzio 2} \\ 1.$	3.2 Mixtures Product/ingredient name	: Mixture	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
phenylpropionat01-000015075-76 EC: 400-330-7 CAS: 104810-48-2 Index: 607-176-00-3Aquatic Chronic 2, H411ATE [Oral] = 120 mg/kg[1] [22-ButoxyethanolREACH #: 01-2119475108-36 	pipropyleneglycolmethylether	01-2119450011-60 EC: 252-104-2	≤3	Not classified.	-	[2]
$\begin{array}{c} 01-2119475108-36\\ EC: 203-905-0\\ CAS: 111-76-2\\ Index: 603-014-00-0\\ ne\\ \end{array} \qquad \begin{array}{c} Acute Tox. 3, H331\\ Skin Irrit. 2, H315\\ Eye Irrit. 2, H315\\ Eye Irrit. 2, H319\\ \end{array} \qquad \begin{array}{c} ATE \ [Inhalation (vapours)] = 3 mg/l\\ ATE \ [Oral] = 1020\\ mg/kg\\ Skin Sens. 1, H317\\ C \ge 0.05\%\\ Rectarright Skin Sens. 1, H317\\ Aquatic Acute 1, H400\\ Acute Tox. 3, H301\\ Acute Tox. 3, H314\\ Eye Dam. 1, H318\\ Skin Sens. 1, H317\\ C \ge 0.05\%\\ M \ [Acute] = 1\\ Acute Tox. 2, H300\\ Skin Corr. 1B, H314\\ Eye Dam. 1, H318\\ Skin Sens. 1, H317\\ Aquatic Acute 1, H400\\ Acute Tox. 2, H330\\ Skin Corr. 1B, H314\\ Eye Dam. 1, H318\\ Skin Sens. 1A, H317\\ C \ge 0.0015\%\\ M \ [Acute] = 10\\ M \ [Acute] =$		01-0000015075-76 EC: 400-830-7 CAS: 104810-48-2	<1	Aquatic Chronic 2,	-	[1]
oneCAS: 2634-33-5 Index: 613-088-00-6Skin Irrit. 2, H315 Eye Dam. 1, H318 mg/kg 2-methyl-2H-isothiazol- 3-oneEC: 220-239-6 CAS: 2682-20-4<0.01	2-Butoxyethanol	01-2119475108-36 EC: 203-905-0 CAS: 111-76-2	≤0.3	Acute Tox. 3, H331 Skin Irrit. 2, H315	mg/kg ATE [Inhalation	[1] [2]
3-oneCAS: 2682-20-4Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071mg/kg ATE [Inhalation (dusts and mists)] = 0.11 mg/l Skin Sens. 1, H317: 	1,2-benzisothiazol-3(2H)- one	CAS: 2634-33-5	<0.05	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317	mg/kg Skin Sens. 1, H317: C ≥ 0.05%	[1]
CAS: 26530-20-1 Acute Tox. 3, H311 mg/kg Index: 613-112-00-5 Acute Tox. 2, H330 ATE [Dermal] = Skin Corr. 1, H314 311 mg/kg Eye Dam. 1, H318 ATE [Inhalation			<0.01	Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	mg/kg ATE [Dermal] = 300 mg/kg ATE [Inhalation (dusts and mists)] = 0.11 mg/l Skin Sens. 1, H317: C $\geq 0.0015\%$ M [Acute] = 10	[1]
Date of issue/Date of revision : 11/10/2023 Date of previous issue : 27/07/2022 Version : 1.01 2/24	2-Octyl-2H-isothiazol-3-one	CAS: 26530-20-1	<0.0025	Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1, H314	mg/kg ATE [Dermal] = 311 mg/kg	[1]
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			Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1,	(dusts and mists)] = 0.27 mg/l Skin Sens. 1, H317:	
			H410 EUH071	$C \ge 0.0015\%$ M [Acute] = 100 M [Chronic] = 100	
reaction mass of: 5-chloro- 2-methyl-4-isothiazolin- 3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol- 3-one [EC no. 220-239-6] (3:1)	CAS: 55965-84-9 Index: 613-167-00-5	<0.001	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	ATE [Oral] = 53 mg/ [kg ATE [Dermal] = 50 mg/kg ATE [Inhalation (vapours)] = 0.5 mg/l Skin Corr. 1C, H314: $C \ge 0.6\%$ Eye Dam. 1, H318: $C \ge 0.6\%$ Eye Irrit. 2, H319: $0.06\% \le C < 0.6\%$ Skin Sens. 1, H317: $C \ge 0.0015\%$ M [Acute] = 100 M [Chronic] = 100	[1]
			See Section 16 for the full text of the H statements declared above.		

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

[1] Substance classified with a health or environmental hazard

[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 Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower
	eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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Development and the second states of the	A RECEPTION OF A RECE
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
4.2 Most important sympton	ns and effects, both acute and delayed
Over-exposure signs/symp	<u>toms</u>
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
4.3 Indication of any immedi	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: Firefigh	ting 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 f	rom 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.

SECTION 6: Accidental release measures

6.1 Personal precautions, prot	tective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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SECTION 6: Accidental release measures			
6.2 Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).		
6.3 Methods and materia	al for containment and cleaning up		
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.		
Large spill	: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.		
6.4 Reference to other sections	 See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information. 		

SECTION 7: Handling and storage

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

7.1 Precautions for safe handling

Protective measures	 Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

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

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

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Product/ingredient name	Exposure limit values
ipropyleneglycolmethylether	Regulation on Limit Values - MAC (Austria, 4/2021).[Dipropylene glycol monomethyl ethers (mixture of isomers)]Absorbed through skin.TWA: 50 ppm 8 hours.TWA: 307 mg/m³ 8 hours.CEIL: 100 ppm, 8 times per shift, 5 minutes.
2-Butoxyethanol	CEIL: 614 mg/m ³ , 8 times per shift, 5 minutes. Regulation on Limit Values - MAC (Austria, 4/2021). Absorbed through skin. TWA: 20 ppm 8 hours. TWA: 98 mg/m ³ 8 hours. PEAK: 40 ppm, 4 times per shift, 30 minutes.
2-methyl-2H-isothiazol-3-one	PEAK: 200 mg/m ³ , 4 times per shift, 30 minutes. Regulation on Limit Values - MAC (Austria, 4/2021). [5-chlord 2-methyl-2,3-dihydroisothiazol-3-one and 2-methyl-2,3-di- hydroisothiazol-3-one (mixture in the ratio 3:1)] Skin sensitiser.
2-Octyl-2H-isothiazol-3-one	TWA: 0.05 mg/m ³ 8 hours. Regulation on Limit Values - MAC (Austria, 4/2021). Absorbe through skin. Sensitization potential. TWA: 0.05 mg/m ³ 8 hours. Form: Inhalable fraction CEIL: 0.05 mg/m ³ 15 minutes. Form: Inhalable fraction
eaction mass of: 5-chloro-2-methyl- l-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Regulation on Limit Values - MAC (Austria, 4/2021). [5-chlord 2-methyl-2,3-dihydroisothiazol-3-one and 2-methyl-2,3-di- hydroisothiazol-3-one (mixture in the ratio 3:1)] Skin sensitiser. TWA: 0.05 mg/m ³ 8 hours.
of propylenegly colmethyle ther	Limit values (Belgium, 5/2021). [Dipropyleenglycolmonomethylether] Absorbed through skin TWA: 50 ppm 8 hours.
2-Butoxyethanol	TWA: 308 mg/m ³ 8 hours. Limit values (Belgium, 5/2021). Absorbed through skin. TWA: 20 ppm 8 hours. TWA: 98 mg/m ³ 8 hours. STEL: 50 ppm 15 minutes. STEL: 246 mg/m ³ 15 minutes.
7 propyleneglycolmethylether	Ministry of Labour and Social Policy and the Ministry of Health - Ordinance No 13/2003. (Bulgaria, 6/2021). [2- (Methoxymethyletoxy)propanol] Absorbed through skin. Limit value 8 hours: 308 mg/m ³ 8 hours. Limit value 8 hours: 50 ppm 8 hours.
ofpropyleneglycolmethylether	Ministry of Economy, Labour and Entrepreneurship ELV/ STELV (Croatia, 1/2021). [(2-methoxymethylethoxy)-propano Absorbed through skin. ELV: 308 mg/m ³ 8 hours. ELV: 50 ppm 8 hours.
P-Butoxyethanol	Ministry of Economy, Labour and Entrepreneurship ELV/ STELV (Croatia, 1/2021). Absorbed through skin. STELV: 246 mg/m ³ 15 minutes. STELV: 50 ppm 15 minutes. ELV: 98 mg/m ³ 8 hours. ELV: 20 ppm 8 hours.
of propylenegly colmethyle ther	Department of labour inspection (Cyprus, 7/2021). Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 308 mg/m ³ 8 hours.
2-Butoxyethanol	Department of labour inspection (Cyprus, 7/2021). Absorbed through skin. STEL: 50 ppm 15 minutes. STEL: 246 mg/m ³ 15 minutes. TWA: 20 ppm 8 hours. TWA: 98 mg/m ³ 8 hours.

D ipropyleneglycolmethylether	Government regulation of Czech Republic PEL/NPK-P (Czech
	Republic, 10/2022). [(2-methoxymethylethoxy)-propanol
	(mixture of isomers)] Absorbed through skin. TWA: 270 mg/m ³ 8 hours.
	TWA: 43.74 ppm 8 hours.
	STEL: 550 mg/m ³ 15 minutes.
	STEL: 89.1 ppm 15 minutes.
2-Butoxyethanol	Government regulation of Czech Republic PEL/NPK-P (Czech
	Republic, 10/2022). Absorbed through skin. TWA: 100 mg/m ³ 8 hours.
	TWA: 20.4 ppm 8 hours.
	STEL: 200 mg/m ³ 15 minutes.
	STEL: 40.8 ppm 15 minutes.
pipropyleneglycolmethylether	Working Environment Authority (Denmark, 6/2022).
	[Dipropylenglycolmethylether] Absorbed through skin. TWA: 50 ppm 8 hours.
	TWA: 309 mg/m ³ 8 hours.
	STEL: 618 mg/m ³ 15 minutes.
2 Putowysthanal	STEL: 100 ppm 15 minutes.
2-Butoxyethanol	Working Environment Authority (Denmark, 6/2022). Absorbed through skin.
	TWA: 20 ppm 8 hours.
	TWA: 98 mg/m ³ 8 hours.
	STEL: 246 mg/m ³ 15 minutes.
	STEL: 50 ppm 15 minutes.
☑ propyleneglycolmethylether	Occupational exposure limits, Regulation No. 293 (Estonia, 12/2022). [Dipropylene glycol monomethyl ether] Absorbed
	through skin.
	TWA: 308 mg/m ³ 8 hours.
	TWA: 50 ppm 8 hours.
2-Butoxyethanol	Occupational exposure limits, Regulation No. 293 (Estonia, 12/2022). Absorbed through skin. Skin sensitiser.
	TWA: 98 mg/m ³ 8 hours.
	TWA: 20 ppm 8 hours.
	STEL: 246 mg/m ³ 15 minutes.
	STEL: 50 ppm 15 minutes.
☑ípropyleneglycolmethylether	EU OEL (Europe, 1/2022). [(2-Methoxymethylethoxy)-propanol] Absorbed through skin. Notes: list of indicative occupational
	exposure limit values
	TWA: 50 ppm 8 hours.
	TWA: 308 mg/m ³ 8 hours.
2-Butoxyethanol	EU OEL (Europe, 1/2022). Absorbed through skin. Notes: list of indicative occupational exposure limit values
	TWA: 20 ppm 8 hours.
	TWA: 98 mg/m ³ 8 hours.
	STEL: 50 ppm 15 minutes.
	STEL: 246 mg/m ³ 15 minutes.
Dipropyleneglycolmethylether	Institute of Occupational Health, Ministry of Social Affairs (Finland, 9/2020). [] Absorbed through skin.
	TWA: 50 ppm 8 hours.
	TWA: 310 mg/m ³ 8 hours.
D ipropyleneglycolmethylether	Ministry of Labor (France, 10/2022). [(2-methoxymethylethoxy)
	-propanol] Absorbed through skin. Notes: Binding regulatory
	limit values (article R. 4412-149 of the Labor Code)
	TWA: 50 ppm 8 hours. TWA: 308 mg/m³ 8 hours.
2-Butoxyethanol	Ministry of Labor (France, 10/2022). Absorbed through skin.
	Notes: Binding regulatory limit values (article R. 4412-149 of
	the Labor Code)
	TWA: 10 ppm 8 hours. TWA: 49 mg/m ³ 8 hours.
	STEL: 246 mg/m ³ 15 minutes.
	STEL: 50 ppm 15 minutes.
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SECTION 8: Exposure controls/personal protection		
Dipropyleneglycolmethylether 2-Butoxyethanol	TRGS 900 OEL (Germany, 6/2022). [(2-Methoxymethylethoxy)propanol]TWA: 310 mg/m³ 8 hours.PEAK: 310 mg/m³ 15 minutes.TWA: 50 ppm 8 hours.PEAK: 50 ppm 15 minutes.DFG MAC-values list (Germany, 7/2022). [Dipropylene glycolmonomethyl ether (mixture of isomers)]TWA: 50 ppm 8 hours.PEAK: 50 ppm 8 hours.PEAK: 50 ppm 8 hours.PEAK: 50 ppm, 4 times per shift, 15 minutes.TWA: 310 mg/m³ 8 hours.PEAK: 310 mg/m³ 8 hours.PEAK: 310 mg/m³, 4 times per shift, 15 minutes.TRGS 900 OEL (Germany, 6/2022). Absorbed through skin.TWA: 49 mg/m³ 8 hours.	
	 PEAK: 98 mg/m³ 15 minutes. PEAK: 98 mg/m³ 15 minutes. TWA: 10 ppm 8 hours. PEAK: 20 ppm 15 minutes. DFG MAC-values list (Germany, 7/2022). Absorbed through skin. TWA: 10 ppm 8 hours. PEAK: 20 ppm, 4 times per shift, 15 minutes. TWA: 49 mg/m³ 8 hours. PEAK: 98 mg/m³, 4 times per shift, 15 minutes. 	
1,2-benzisothiazol-3(2H)-one 2-methyl-2H-isothiazol-3-one 2-Octyl-2H-isothiazol-3-one	 DFG MAC-values list (Germany, 7/2022). Skin sensitiser. DFG MAC-values list (Germany, 7/2022). Skin sensitiser. TRGS 900 OEL (Germany, 6/2022). Absorbed through skin. TWA: 0.05 mg/m³ 8 hours. Form: Inhalable fraction PEAK: 0.1 mg/m³ 15 minutes. Form: Inhalable fraction DFG MAC-values list (Germany, 7/2022). Absorbed through skin. Skin sensitiser. TWA: 0.05 mg/m³ 8 hours. Form: inhalable fraction PEAK: 0.1 mg/m³ 4 times per shift, 15 minutes. Form: inhalable fraction 	
Dipropyleneglycolmethylether	Presidential Decree 307/1986: Occupational exposure limit values (Greece, 9/2021). [(2-Methoxymethylethoxy)propanol] Absorbed through skin. TWA: 100 ppm 8 hours. TWA: 600 mg/m ³ 8 hours. STEL: 150 ppm 15 minutes. STEL: 900 mg/m ³ 15 minutes.	
2-Butoxyethanol	Presidential Decree 307/1986: Occupational exposure limit values (Greece, 9/2021). Absorbed through skin. TWA: 25 ppm 8 hours. TWA: 120 mg/m ³ 8 hours.	
Dipropyleneglycolmethylether	5/2020. (II. 6.) ITM Decree (Hungary, 12/2022). [Dipropylene glycol monomethyl ether] TWA: 308 mg/m ³ 8 hours. TWA: 50 ppm 8 hours.	
2-Butoxyethanol	 5/2020. (II. 6.) ITM Decree (Hungary, 12/2022). Absorbed through skin. Skin sensitiser. Inhalation sensitiser. TWA: 98 mg/m³ 8 hours. PEAK: 246 mg/m³ 15 minutes. PEAK: 50 ppm 15 minutes. TWA: 20 ppm 8 hours. 	
Dipropyleneglycolmethylether	Ministry of Welfare, List of Exposure Limits (Iceland, 5/2021). [] Absorbed through skin. TWA: 300 mg/m ³ 8 hours. TWA: 50 ppm 8 hours.	
Dipropyleneglycolmethylether	NAOSH (Ireland, 5/2021). [(2-methoxymethylethoxy) -1-propanol] Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values OELV-8hr: 50 ppm 8 hours. OELV-8hr: 308 mg/m ³ 8 hours.	

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■ Pipropyleneglycolmethylether	Legislative Decree No. 819/2008. Title IX. Protection from
	chemical agents, carcinogens and mutagens (Italy, 6/2020).
	Absorbed through skin.
	8 hours: 50 ppm 8 hours.
	8 hours: 308 mg/m ³ 8 hours.
2-Butoxyethanol	Legislative Decree No. 819/2008. Title IX. Protection from
	chemical agents, carcinogens and mutagens (Italy, 6/2020). Absorbed through skin.
	8 hours: 20 ppm 8 hours.
	8 hours: 98 mg/m ³ 8 hours.
	Short Term: 50 ppm 15 minutes.
	Short Term: 246 mg/m ³ 15 minutes.
Dipropyleneglycolmethylether	Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021). []
	Absorbed through skin.
	TWA: 50 ppm 8 hours.
	TWA: 308 mg/m ³ 8 hours.
pipropyleneglycolmethylether	Lithuanian Hygiene Standard HN 23 (Lithuania, 1/2021).
	Absorbed through skin. TWA: 308 mg/m³ 8 hours.
	TWA: 50 ppm 8 hours.
	STEL: 450 mg/m ³ 15 minutes.
	STEL: 75 ppm 15 minutes.
D ipropyleneglycolmethylether	Grand-Duchy Regulation 2016. Chemical agents. Annex I
	(Luxembourg, 3/2021). [(2-methoxymethylethoxy)-propanol]
	Absorbed through skin.
	TWA: 50 ppm 8 hours.
2-Butoxyethanol	TWA: 308 mg/m ³ 8 hours. Grand-Duchy Regulation 2016. Chemical agents. Annex I
	(Luxembourg, 3/2021). Absorbed through skin.
	TWA: 20 ppm 8 hours.
	TWA: 98 mg/m ³ 8 hours.
	STEL: 50 ppm 15 minutes.
	STEL: 246 mg/m ³ 15 minutes.
pipropyleneglycolmethylether	EU OEL (Europe, 1/2022). [(2-Methoxymethylethoxy)-propanol]
	Absorbed through skin. Notes: list of indicative occupational
	exposure limit values
	TWA: 50 ppm 8 hours. TWA: 308 mg/m ³ 8 hours.
2-Butoxyethanol	EU OEL (Europe, 1/2022). Absorbed through skin. Notes: list
	of indicative occupational exposure limit values
	TWA: 20 ppm 8 hours.
	TWA: 98 mg/m ³ 8 hours.
	STEL: 50 ppm 15 minutes.
	STEL: 246 mg/m ³ 15 minutes.
pipropyleneglycolmethylether	Ministry of Social Affairs and Employment, Legal limit values
	(Netherlands, 12/2022). [dipropylene glycolmethylether]
	OEL, 8-h TWA: 300 mg/m ³ 8 hours. OEL, 8-h TWA: 48.7 ppm 8 hours.
2-Butoxyethanol	Ministry of Social Affairs and Employment, Legal limit values
	(Netherlands, 12/2022). Absorbed through skin.
	OEL, 8-h TWA: 100 mg/m ³ 8 hours.
	STEL,15-min: 246 mg/m³ 15 minutes.
	OEL, 8-h TWA: 20.4 ppm 8 hours.
	STEL,15-min: 50 ppm 15 minutes.
pipropyleneglycolmethylether	FOR-2011-12-06-1358 (Norway, 12/2022). [Dipropylene glycol
	methyl ether] Absorbed through skin. Notes: indicative limit value
	TWA: 50 ppm 8 hours.
	TWA: 300 mg/m ³ 8 hours.
2-Butoxyethanol	FOR-2011-12-06-1358 (Norway, 12/2022). Absorbed through
	skin. Notes: indicative limit value
	TWA: 10 ppm 8 hours.
	TWA: 50 mg/m ³ 8 hours.
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Dipropyleneglycolmethylether	Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). [dipropylene glycol methyl ether] Absorbed through skin. TWA: 240 mg/m ³ 8 hours. STEL: 480 mg/m ³ 15 minutes.
2-Butoxyethanol	Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). Absorbed through skin. TWA: 98 mg/m ³ 8 hours. STEL: 200 mg/m ³ 15 minutes.
D ipropyleneglycolmethylether	Portuguese Institute of Quality (Portugal, 11/2014). [2-Metoximetiletoxipropanol] Absorbed through skin. TWA: 100 ppm 8 hours. STEL: 150 ppm 15 minutes.
2-Butoxyethanol	Portuguese Institute of Quality (Portugal, 11/2014). TWA: 20 ppm 8 hours.
D ipropyleneglycolmethylether	HG 1218/2006, Annex 1, with subsequent modifications and additions (Romania, 3/2021). Absorbed through skin. VLA: 308 mg/m ³ 8 hours. VLA: 50 ppm 8 hours.
Dipropyleneglycolmethylether	Government regulation SR c. 355/2006 (Slovakia, 9/2020). [] Absorbed through skin. TWA: 308 mg/m ³ , (2-methoxymetyl-ethoxypropanol) 8 hours. TWA: 50 ppm, (2-methoxymetyl-ethoxypropanol) 8 hours.
Dipropyleneglycolmethylether	Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). [] Absorbed through skin. TWA: 308 mg/m ³ 8 hours. TWA: 50 ppm 8 hours. KTV: 50 ppm, 4 times per shift, 15 minutes. KTV: 308 mg/m ³ , 4 times per shift, 15 minutes.
2-Octyl-2H-isothiazol-3-one	Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). Absorbed through skin. TWA: 0.05 mg/m ³ 8 hours. Form: Inhalable fraction KTV: 0.1 mg/m ³ , 4 times per shift, 15 minutes. Form: Inhalable fraction
Dipropyleneglycolmethylether	National institute of occupational safety and health (Spain, 4/2022). [Dipropylene glycol methyl ether] Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 308 mg/m ³ 8 hours.
2-Butoxyethanol	National institute of occupational safety and health (Spain, 4/2022). Absorbed through skin. TWA: 20 ppm 8 hours. TWA: 98 mg/m ³ 8 hours. STEL: 245 mg/m ³ 15 minutes. STEL: 50 ppm 15 minutes.
Dipropyleneglycolmethylether	Work environment authority Regulation 2018:1 (Sweden, 9/2021). [dipropylene glycol monomethyl ether] Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 300 mg/m ³ 8 hours. STEL: 75 ppm 15 minutes.
2-Butoxyethanol	STEL: 450 mg/m ³ 15 minutes. Work environment authority Regulation 2018:1 (Sweden, 9/2021). Absorbed through skin. TWA: 10 ppm 8 hours.

	TWA: 50 mg/m ³ 8 hours. STEL: 50 ppm 15 minutes. STEL: 246 mg/m ³ 15 minutes.
Dipropyleneglycolmethylether	SUVA (Switzerland, 1/2023). [Dipropylene glycol methyl ether (mixture of isomers)] STEL: 50 ppm 15 minutes. Form: vapour and aerosols STEL: 300 mg/m ³ 15 minutes. Form: vapour and aerosols TWA: 50 ppm 8 hours. Form: vapour and aerosols TWA: 300 mg/m ³ 8 hours. Form: vapour and aerosols
2-Butoxyethanol	SUVA (Switzerland, 1/2023). Absorbed through skin. TWA: 10 ppm 8 hours. TWA: 49 mg/m ³ 8 hours. STEL: 20 ppm 15 minutes. STEL: 98 mg/m ³ 15 minutes.
2-Octyl-2H-isothiazol-3-one	SUVA (Switzerland, 1/2023). Absorbed through skin. Skin sensitiser. TWA: 0.05 mg/m ³ 8 hours. Form: Inhalable fraction STEL: 0.1 mg/m ³ 15 minutes. Form: Inhalable fraction
reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	SUVA (Switzerland, 1/2023). Skin sensitiser.
	STEL: 0.4 mg/m ³ 15 minutes. Form: Inhalable fraction TWA: 0.2 mg/m ³ 8 hours. Form: Inhalable fraction
Dipropyleneglycolmethylether	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin. TWA: 308 mg/m ³ 8 hours. TWA: 50 ppm 8 hours.
2-Butoxyethanol	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin. STEL: 50 ppm 15 minutes. TWA: 25 ppm 8 hours. STEL: 246 mg/m ³ 15 minutes. TWA: 123 mg/m ³ 8 hours.
Ammonia	EH40/2005 WELs (United Kingdom (UK), 1/2020). [ammonia anhydrous] STEL: 25 mg/m ³ 15 minutes. Form: anhydrous STEL: 35 ppm 15 minutes. Form: anhydrous TWA: 25 ppm 8 hours. Form: anhydrous TWA: 18 mg/m ³ 8 hours. Form: anhydrous

Biological exposure indices

Product/ingredient na	ne 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.	
No exposure indices known.	
No exposure indices known.	
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No exposure indices known.	
No exposure indices known.	
2-Butoxyethanol	 DFG BEI-values list (Germany, 7/2022) Notes: danger from percutaneous absorption (see p. 211 and p. 228). BEI: 150 mg/g creatinine, butoxyacetic acid (after hydrolysis) [in urine]. Sampling time: end of exposure or end of shift / for long-term exposures: at the end of the shift after several shifts. TRGS 903 - BEI Values (Germany, 2/2022) BEI: 150 mg/g creatinine, butoxy acetic acid (after hydrolysis) [in urine]. Sampling time: end of exposure or end of shift; for long-term exposures: at the end of shift after several shifts.
No exposure indices known.	
2-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.	
No exposure indices known.	
2-Butoxyethanol	National institute of occupational safety and health (Spain, 4/2022) VLB: 200 mg/g creatinine, butoxyacetic acid [in urine]. Sampling time: end of shift.
No exposure indices known.	
2-Butoxyethanol	SUVA (Switzerland, 1/2023) BEI: 150 mg/g creatinine, 2-butoxy acetic acid (after hydrolisis) [iuurine]. Sampling time: immediately after exposure or after working hours. In case of long-term exposure: after more than one shift.
2-Butoxyethanol	EH40/2005 BMGVs (United Kingdom (UK), 8/2018) BGV: 240 mmol/mol creatinine, butoxyacetic acid [in urine]. Sampling time: post shift.
Recommended monitoring procedures	: Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
DNELs/DMELs	

Product/ingredient name	Туре	Exposure	Value	Population	Effects
propyleneglycolmethylether	DNEL	Long term Oral	36 mg/kg	General	Systemic
	DNEL	Long term	bw/day 37.2 mg/m³	population General	Systemic
	DINEL	Inhalation	57.2 mg/m	population	Systemic
	DNEL	Long term Dermal	121 mg/kg	General	Systemic
			bw/day	population	-
	DNEL	Long term Dermal	283 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	308 mg/m ³	Workers	Systemic
2-Butoxyethanol	DNEL	Long term Oral	6.3 mg/kg	General	Systemic
	DNEL	Short term Oral	bw/day 26.7 mg/	population General	Systemic
		onort term ora	kg bw/day	population	Oysternie
	DNEL	Long term	59 mg/m ³	General	Systemic
		Inhalation	-	population	
	DNEL	Long term	98 mg/m³	Workers	Systemic
	DNEL	Inhalation Short term	147 mg/m³	General	Local
	DINEL	Inhalation	147 mg/m	population	LUCAI
	DNEL	Short term	246 mg/m ³	Workers	Local
		Inhalation	Ū		
	DNEL	Short term	426 mg/m ³	General	Systemic
		Inhalation	1001	population	
	DNEL	Short term Inhalation	1091 mg/ m³	Workers	Systemic
l,2-benzisothiazol-3(2H)-one	DNEL	Long term Dermal	0.345 mg/	General	Systemic
		Long toni Donna	kg bw/day	population	oyotonno
	DNEL	Long term Dermal	0.966 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term	1.2 mg/m ³	General	Systemic
		Inhalation		population	
	DNEL	Long term Inhalation	6.81 mg/m ³	Workers	Systemic
2-methyl-2H-isothiazol-3-one	DNEL	Long term	0.021 mg/	General	Local
	DIVEL	Inhalation	m ³	population	Loodi
	DNEL	Long term	0.021 mg/	Workers	Local
		Inhalation	m³		
	DNEL	Long term Oral	0.027 mg/	General	Systemic
	DNEL	Short term	kg bw/day 0.043 mg/	population General	Local
		Inhalation	m ³	population	LUCAI
	DNEL	Short term	0.043 mg/	Workers	Local
		Inhalation	m³		
	DNEL	Short term Oral	0.053 mg/	General	Systemic
eaction mass of: 5-chloro-2-methyl-	DNEL	Long term	kg bw/day 0.02 mg/m³	population General	Local
4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H- sothiazol-3-one [EC no. 220-239-6]	DNLL	Inhalation	0.02 mg/m	population	LUCAI
(3:1)					
()	DNEL	Long term Inhalation	0.02 mg/m ³	Workers	Local
	DNEL	Short term	0.04 mg/m ³	General	Local
		Inhalation	5.5 mg/m	population	Loodi
	DNEL	Short term Inhalation	0.04 mg/m ³	Workers	Local
	DNEL	Long term Oral	0.09 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Short term Oral	0.11 mg/	General	Systemic
			kg bw/day	population	

PNECs

No PNECs available

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborn contaminants.
Individual protection meas	
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 clothin Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses wit side-shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard shou be worn at all times when handling chemical products if a risk assessment indicate this is necessary. Considering the parameters specified by the glove manufacture check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
	Recommendations : Wear suitable gloves tested to EN374.
	> 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 task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
	Filter type (spray application): A P
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

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

9.1 Information on basic physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Colour	: Various
Odour	: Slight
Odour threshold	: Not available.
Melting point/freezing point	: Not available.
Initial boiling point and boiling range	:

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Ingredient name		°C	°F	Method	
water		100	212		
Dipropyleneglycolmethylether		189.6	373.3	EU A.2	
Flammability	: No	t available.	ł		
ower and upper explosion		wer: Not applicat per: Not applicat			
Flash point	: Clo	sed cup: >100°0	C (>212°F)		
Auto-ignition temperature	:				
Ingredient name		°C	°F	Method	
Dipropyleneglycolmethylether		207	404.6	EU A.15	
Decomposition temperature	: No	t available.	1		
рΗ	: 8.9	to 9.3			
/iscosity	: No	t available.			
Solubility(ies)	:				
Not available.					
Solubility in water	: No	t available.			
Partition coefficient: n-octanol/ water	: No	t applicable.			
/apour pressure					

Vapour pressure

	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				
Relative density	: Not	available.			1	
Density	: 1 g/	cm³				
Vapour density	: Not	available.				
Explosive properties	: Not	available.				
Oxidising properties	: Not	available.				
Particle characteristics						
Median particle size	: Not	applicable.				

SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredient	ts.
10.2 Chemical stability	: The product is stable.	
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	
10.4 Conditions to avoid	: No specific data.	
10.5 Incompatible materials	: No specific data.	
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.	

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure	
✔,2-benzisothiazol-3(2H)- one	LD50 Oral	Rat	1020 mg/kg	-	
2-methyl-2H-isothiazol- 3-one	LC50 Inhalation Dusts and mists	Rat	0.11 mg/l	4 hours	
2-Octyl-2H-isothiazol-3-one	LD50 Dermal	Rabbit	690 mg/kg	-	
-	LD50 Oral	Rat	550 mg/kg	-	
reaction mass of: 5-chloro- 2-methyl-4-isothiazolin- 3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol- 3-one [EC no. 220-239-6] (3: 1)	LD50 Oral	Rat	53 mg/kg	-	
Conclusion/Summary : Based on available data, the classification criteria are not met.					

Acute toxicity estimates

Route	ATE value
halation (vapours)	1010.58 mg/l

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
D ipropyleneglycolmethylether	Eyes - Mild irritant	Human	-	8 mg	-
	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	500 mg	-
2-Butoxyethanol	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
1,2-benzisothiazol-3(2H)-one		Human	-	48 hours 5 %	-
2-Octyl-2H-isothiazol-3-one	Eyes - Severe irritant	Rabbit	-	100 mg	-
reaction mass of: 5-chloro-	Skin - Severe irritant	Human	-	0.01 %	-
2-methyl-4-isothiazolin-					
3-one [EC no. 247-500-7]					
and 2-methyl-2H-isothiazol-					
3-one [EC no. 220-239-6] (3:					
1)					
Conclusion/Summary : Based on available data, the classification criteria are not met.					

<u>Mutagenicity</u>		
Conclusion/Summary	:	Based on available data, the classification criteria are not met.
Carcinogenicity		
Conclusion/Summary	:	Based on available data, the classification criteria are not met.
Reproductive toxicity		
Conclusion/Summary	:	Based on available data, the classification criteria are not met.
<u>Teratogenicity</u>		
Conclusion/Summary	:	Based on available data, the classification criteria are not met.
Specific target organ toxicity	Ц	<u>single exposure)</u>
Not available.		

: May cause an allergic skin reaction.

<u>Specific target organ toxicity (repeated exposure)</u> Not available.

Aspiration hazard

Sensitisation

Conclusion/Summary

SECTION 11: Toxicological information

Not available.

Information on likely routes of exposure	: Not available.	
Potential acute health effects		
Eye contact	: No known significant effects or critical hazards.	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	: May cause an allergic skin reaction.	
Ingestion	: No known significant effects or critical hazards.	
Symptoms related to the phy	ical, chemical and toxicological characteristics	
Eye contact	: No specific data.	
Inhalation	: No specific data.	
Skin contact	: Adverse symptoms may include the following: irritation redness	

Ingestion	: No specific data.
ingestion	· No specific data.

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

Short term exposure		
Potential immediate effects	ot available.	
Potential delayed effects	ot available.	
Long term exposure		
Potential immediate effects	ot available.	
Potential delayed effects	ot available.	
Potential chronic health eff		
Not available.		
Conclusion/Summary	ot available.	
General	nce sensitized, a severe allergic reaction may occur when s very low levels.	ubsequently exposed
Carcinogenicity	hown significant effects or critical hazards.	
Mutagenicity	o known significant effects or critical hazards.	
Reproductive toxicity	hown significant effects or critical hazards.	

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties
Not available.
11.2.2 Other information
Not available.

SECTION 12: Ecological information

12.1 Toxicity

SECTION 12: Ecological information

Product/ingredient name	Result	Species	Exposure
2-Butoxyethanol	Acute EC50 >1000 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
·	Acute LC50 800000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours
	Acute LC50 1250000 µg/l Marine water	Fish - Menidia beryllina	96 hours
1,2-benzisothiazol-3(2H)-one	Acute EC50 0.36 mg/l Marine water	Algae - Skeletonema Costatum	72 hours
	Acute EC50 3.7 mg/l	Daphnia - Daphnia Magna	48 hours
	Acute LC50 1.9 mg/l Fresh water	Fish - Onorhynchus Mykiss	96 hours
	Acute NOEC 0.15 mg/l Marine water	Algae - Skeletonema Costatum	72 hours
2-methyl-2H-isothiazol-3-one	Acute EC50 0.18 ppm Fresh water	Daphnia - Daphnia magna	48 hours
-	Acute LC50 0.07 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
2-Octyl-2H-isothiazol-3-one	Acute EC50 107 ppb Fresh water	Daphnia - Daphnia magna	48 hours
-	Acute LC50 47 ppb Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 74 ppb Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 8.5 ppb	Fish - Pimephales promelas	35 days

2.2 Persistence and degrada	bility				
Product/ingredient name	Test	Result		Dose	Inoculum
7,2-benzisothiazol-3(2H)-one	EU	24 % - 28 days	-		-
Conclusion/Summary	: This product ha	as not been tested fo	r biodegrada	tion.	
Product/ingredient name	Aquatic half-life		Photolysis		Biodegradability
2-benzisothiazol-3(2H)-one	-		-		Inherent

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
D ipropyleneglycolmethylether	0.004	-	Low
2-Butoxyethanol	0.81	-	Low
1,2-benzisothiazol-3(2H)-one	-	3.2	Low
2-Octyl-2H-isothiazol-3-one	2.45	-	Low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

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

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods <u>Product</u>

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SECTION 13: Disposal considerations

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Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.
European waste catalogue (EWC)	: 080112
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of 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.

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

: Not relevant/applicable due to nature of the product.

14.7 Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Annex XIV - List of substances subject to authorisation

<u>Annex XIV</u>

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

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Version : 1.01 19/24 Label No : #8049

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SECTION 15: Regulatory information

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	ate of issue/Date of revision		: 11/10/2023 Date of previous issue :	27/07/2022 Version :1.01 21/24

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SECTION 15: Regulatory information

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical safety assessment

: Not applicable.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	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]

Classification	Justification
Skin Sens. 1, H317	Calculation method

Full text of abbreviated H statements

⊮ 301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
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.
EUH071	Corrosive to the respiratory tract.

Full text of classifications [CLP/GHS]

	ACUTE TOXICITY - Category 2		ľ
	ACUTE TOXICITY - Category 3		
	ACUTE TOXICITY - Category 4		
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1		
	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1		
	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2		
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1		
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2		
Skin Corr. 1	SKIN CORROSION/IRRITATION - Category 1		
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B		
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C		
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2		
Skin Sens. 1	SKIN SENSITISATION - Category 1		
Skin Sens. 1A	SKIN SENSITISATION - Category 1A		
Date of issue/ Date of revision	: 11/10/2023		
Date of previous issue	: 27/07/2022		
Date of issue/Date of revisio	n : 11/10/2023 Date of previous issue : 27/07/2022	Version : 1.01 22/2	24
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SECTION 16: Other information

Version

: 1.01

AQUATOP 2600-92

All variants

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.

Date of issue/Date of revision AQUATOP 2600-92 - All variants : 11/10/2023 Date of previous issue

: 27/07/2022

Version : 1.01 24/24 Label No : 48049