

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.06-AQUALUR - Esmalte Acrílico Aquoso Fosco Base 2



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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: AQUALUR - Esmalte Acrílico Aquoso Fosco Base 2
Product Code: 14.01.06.06
UFI: 2710-E0FA-1003-3A7V

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

Uses by consumers (SU21).

Professional uses (SU22).

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **NEUCE-Indústria de Tintas, S.A**
Address: Rua Joaquim Francisco Rocha
City: 3701-902 ROMARIZ - 3701-902
Province: ROMARIZ
Telephone: 256 840 040
Fax: 256 840 048
E-mail: security.advisor@neuce.com
Web: <https://www.neuce.com/>

1.4 Emergency telephone number: 256 840041 (Only available during office hours; Monday-Friday; 08:30-18:00)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

In accordance with Regulation (EC) No 1272/2008:

Aquatic Chronic 3 : Harmful to aquatic life with long lasting effects.

2.2 Label elements.

Labelling in accordance with Regulation (EC) No 1272/2008:

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively

EUH statements:

EUH208 Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

2.3 Other hazards.

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.

The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate
CAS No: 1317-65-3 EC No: 215-279-6	[2] Calcium Carbonate	2.5 - 10 %	-	-
CAS No: 13463-67-7 EC No: 236-675-5 Registration No: 01-2119489379-17-XXXX	[2] Titanium dioxide	2.5 - 10 %	-	-
CAS No: 12001-26-2	[2] Mica	0 - 2.5 %	-	-
Index No: 603-014-00-0 CAS No: 111-76-2 EC No: 203-905-0 Registration No: 01-2119475108-36-XXXX	[1] [2] 2-butoxyethanol, ethyleneglycol monobutyl ether, butyl cellosolve	1 - 10 %	Acute Tox. 4, H332 - Acute Tox. 4, H302 - Eye Irrit. 2, H319 - Skin Irrit. 2, H315	Oral: ETA = 1200 mg/kg pc (Armonizada ATP15)
CAS No: 57-55-6 EC No: 200-338-0 Registration No: 01-2119456809-23-XXXX	[2] Propylene glycol	0 - 2.5 %	-	-
CAS No: 34590-94-8 EC No: 252-104-2 Registration No: 01-2119450011-60-XXXX	[1] [2] (2-methoxymethylethoxy)propanol	0 - 2.5 %	-	-
CAS No: 886-50-0 EC No: 212-950-5	Terbutryn	0.025 - 0.25 %	Acute Tox. 4, H302 - Aquatic Acute 1, H400 (M=10) - Aquatic Chronic 1, H410 (M=10)	-
CAS No: 1332-58-7 EC No: 310-194-1	[2] Kaolin	0 - 2.5 %	-	-

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Index No: 616-212-00-7 CAS No: 55406-53-6 EC No: 259-627-5 Registration No: 01-2120762115-60-XXXX	3-iodo-2-propynyl butylcarbamate, 3-iodoprop-2-yn-1-yl butylcarbamate	0 - 0.25 %	Acute Tox. 3, H331 - Acute Tox. 4, H302 - Aquatic Acute 1, H400 (M=10) - Aquatic Chronic 1, H410 (M=1) - Eye Dam. 1, H318 - STOT RE 1, H372(laringe) - Skin Sens. 1, H317	-
Index No: 019-002-00-8 CAS No: 1310-58-3 EC No: 215-181-3 Registration No: 01-2119487136-33-XXXX	[2] potassium hydroxide, caustic potash	0 - 0.5 %	Acute Tox. 4 *, H302 - Skin Corr. 1A, H314	Skin Corr. 1A, H314: C ≥ 5 % Skin Corr. 1B, H314: 2 % ≤ C < 5 % Skin Irrit. 2, H315: 0,5 % ≤ C < 2 % Eye Irrit. 2, H319: 0,5 % ≤ C < 2 %
Index No: 011-002-00-6 CAS No: 1310-73-2 EC No: 215-185-5 Registration No: 01-2119457892-27-XXXX	[2] sodium hydroxide, caustic soda	0 - 0.5 %	Eye Dam. 1, H318 - Met. Corr. 1, H290 - Skin Corr. 1A, H314	Skin Corr. 1A, H314: C ≥ 5 % Skin Corr. 1B, H314: 2 % ≤ C < 5 % Skin Irrit. 2, H315: 0,5 % ≤ C < 2 % Eye Irrit. 2, H319: 0,5 % ≤ C < 2 %
Index No: 613-167-00-5 CAS No: 55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	0 - 0.0015 %	Acute Tox. 2, H310 - Acute Tox. 2, H330 - Acute Tox. 3, H301 - Aquatic Acute 1, H400 (M=100) - Aquatic Chronic 1, H410 (M=100) - Eye Dam. 1, H318 - Skin Corr. 1C, H314 - Skin Sens. 1A, H317	Skin Corr. 1C, H314: C ≥ 0,6 % Skin Irrit. 2, H315: 0,06 % ≤ C < 0,6 % Eye Irrit. 2, H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1A, H317: C ≥ 0,0015 % Eye Dam. 1, H318: C ≥ 0,6 %

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

[1] Substance with a European Union exposure limit in the workplace (see section 8.1).

[2] Substance with a national workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

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Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

No known acute or delayed effects from exposure to the product.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

The product does not present any particular risk in case of fire.

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Product residues and extinguishing media may contaminate the aquatic environment.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

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For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35 ° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m ³
Calcium Carbonate	1317-65-3	United Kingdom [1]	Eight hours		10 (total inhalable) 4 (respirable)
			Short term		
		Éire [2]	Eight hours		10 (inhalable dust) 4 (respirable dust)
			Short term		
		United States [3] (Cal/OSHA)	Eight hours		10 (Total dust) 5 (Respirable fraction)
			Short term		
		United States [4] (NIOSH)	Eight hours		10 (Total dust) 5 (Respirable fraction)
			Short term		
		United States [5] (OSHA)	Eight hours		15 (Total dust) 5 (Respirable fraction)
			Short term		
Titanium dioxide	13463-67-7	United Kingdom [1]	Eight hours		10 (total inhalable)
			Short term		
		Éire [2]	Eight hours		10 (Inhalable dust) 4 (Respirable dust)
			Short term		

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Mica	12001-26-2	United Kingdom [1]	Eight hours		10 (total inhalable) 0,8 (respirable)
			Short term		
		Éire [2]	Eight hours		3 (Respirable fraction)
			Short term		
		United States [3] (Cal/OSHA)	Eight hours		3 (resp.)
			Short term		
		United States [4] (NIOSH)	Eight hours		3 (resp.)
			Short term		
		United States [5] (OSHA)	Eight hours		20 (mppcf:Millions of particles per cubic foot of air, based on impinger samples counted by light-field techniques. Conversion factors - mppcf X 35.3 = million particles per cubic meter = particles per c.c.)
			Short term		
2-butoxyethanol, ethyleneglycol monobutyl ether, butyl cellosolve	111-76-2	European Union [6]	Eight hours	20 (skin)	98 (skin)
			Short term	50 (skin)	246 (skin)
		United Kingdom [1]	Eight hours	25	123
			Short term	50	246
		Éire [2]	Eight hours	20	98
			Short term	50	246
		United States [3] (Cal/OSHA)	Eight hours	20	
			Short term		
		United States [4] (NIOSH)	Eight hours	5	
			Short term		
United States [5] (OSHA)	Eight hours	50	240		
	Short term				
Propylene glycol	57-55-6	United Kingdom [1]	Eight hours	150 (total vapour and particulates)	474 (total vapour and particulates) 10 (particulates)
			Short term		
		Éire [2]	Eight hours	150 (vapour and particulates)	470 (vapour and particulates) 10 (particulates)
			Short term		
(2-methoxymethylethoxy)propanol	34590-94-8	European Union [6]	Eight hours	50 (skin)	308 (skin)
			Short term		
		United Kingdom [1]	Eight hours	50	308
			Short term		
		Éire [2]	Eight hours	50	308
			Short term		
		United States [3] (Cal/OSHA)	Eight hours	100	
			Short term	150	
United States [4] (NIOSH)	Eight hours	100			
	Short term	150			
United States [5] (NIOSH)	Eight hours	100	600		
	Short term				

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Kaolin	1332-58-7	[5] (OSHA)	Short term		
		United Kingdom [1]	Eight hours		2
			Short term		
		Éire [2]	Eight hours		2
			Short term		
		United States [3] (Cal/OSHA)	Eight hours		2 (Respirable fraction) (no asbestos, < 1% crystalline silica)
			Short term		
		United States [4] (NIOSH)	Eight hours		10 (Total dust) 5 (Respirable fraction)
			Short term		
		United States [5] (OSHA)	Eight hours		15 (Total dust) 5 (Respirable fraction)
Short term					
potassium hydroxide, caustic potash	1310-58-3	United Kingdom [1]	Eight hours		
			Short term		2
		Éire [2]	Eight hours		2
			Short term		
sodium hydroxide, caustic soda	1310-73-2	United Kingdom [1]	Eight hours		2
			Short term		
		Éire [2]	Eight hours		2
			Short term		
		United States [3] (Cal/OSHA)	Eight hours	(Ceiling) 2	
			Short term		
		United States [4] (NIOSH)	Eight hours		(Ceiling) 2
			Short term		
		United States [5] (OSHA)	Eight hours		2
			Short term		

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[2] According Code of Practice for the Safety, Health and Welfare at Work (Chemicals Agents) Regulations adopted by Health and Safety Authority (HSA).

[3] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[4] National Institute for Occupational Safety and Health. NIOSH Recommendations for occupational safety and health, Compendium of Policy Documents and Statements, January, 1992, DHHS (NIOSH) Publication No. 92-100.

[5] Occupational Safety and Health Administration, United States Department of Labor. Permissible Exposure limits (PELs), California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[6] According both Binding Occupational Exposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
Titanium dioxide CAS No: 13463-67-7 EC No: 236-675-5	DNEL (Workers)	Inhalation, Chronic, Local effects	10 (mg/m ³)
2-butoxyethanol, ethyleneglycol monobutyl ether, butyl cellosolve CAS No: 111-76-2 EC No: 203-905-0	DNEL (Workers)	Inhalation, Chronic, Systemic effects	98 (mg/m ³)
Propylene glycol CAS No: 57-55-6 EC No: 200-338-0	DNEL (Workers)	Inhalation, Chronic, Local effects	10 (mg/m ³)
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	168 (mg/m ³)
sodium hydroxide, caustic soda CAS No: 1310-73-2 EC No: 215-185-5	DNEL (Workers)	Inhalation, Chronic, Local effects	1 (mg/m ³)
	DNEL (Consumers)	Inhalation, Chronic, Local effects	1 (mg/m ³)

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DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	Uses by consumers (SU21). Professional uses (SU22).
Breathing protection: If the recommended technical measures are observed, no individual protection equipment is necessary.	
Hand protection: If the product is handled correctly, no individual protection equipment is necessary.	
Eye protection: If the product is handled correctly, no individual protection equipment is necessary.	
Skin protection: PPE: Work footwear. Characteristics: «CE» marking, category II. CEN standards: EN ISO 13287, EN 20347 Maintenance: This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people. Observations: Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: White

Odour: Not applicable/Not available due to the nature/properties of the product

Odour threshold: Not applicable/Not available due to the nature/properties of the product

Melting point: Not applicable/Not available due to the nature/properties of the product

Freezing point: Not applicable/Not available due to the nature/properties of the product

Boiling point or initial boiling point and boiling range: 102 °C

Flammability: Not applicable/Not available due to the nature/properties of the product

Lower explosion limit: Not applicable/Not available due to the nature/properties of the product

Upper explosion limit: Not applicable/Not available due to the nature/properties of the product

Flash point: 133 °C

Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product

Decomposition temperature: Not applicable/Not available due to the nature/properties of the product

pH: 8 (100%) (pH Meter/potentiometric/electrometric method)

Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product

Solubility: Not applicable/Not available due to the nature/properties of the product

Hydrosolubility: Not applicable/Not available due to the nature/properties of the product

Liposolubility: Not applicable/Not available due to the nature/properties of the product

Partition coefficient n-octanol/water (log value): Not applicable/Not available due to the nature/properties of the product

Vapour pressure: 22,222 Pa

Absolute density: Not applicable/Not available due to the nature/properties of the product

Relative density: 1,175

Relative vapour density: Not applicable/Not available due to the nature/properties of the product

Particle characteristics: Not applicable/Not available due to the nature/properties of the product

9.2 Other information

Not applicable/Not available due to the nature/properties of the product

SECTION 10: STABILITY AND REACTIVITY.

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10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Unstable in contact with:

- Acids.
- Bases.
- Oxidizing agents.

10.3 Possibility of hazardous reactions.

In certain conditions this may cause a polymerization reaction.

10.4 Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.
- Contact with incompatible materials.

10.5 Incompatible materials.

Avoid the following materials:

- Acids.
- Bases.
- Oxidizing agents.

10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- COx (carbon oxides).
- Organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION.

2-butoxyethanol and its acetate are easily absorbed by the skin and can cause noxious effects to the kidneys.

11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008.

Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
sodium hydroxide, caustic soda CAS No: 1310-73-2 EC No: 215-185-5	Oral	LD50	Rabbit	325 mg/kg bw [1]
	Dermal			
	Inhalation			
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS No: 55965-84-9 EC No:	Oral	LD50	Rat	53 mg/kg bw [1]
	Dermal			
	Inhalation			

a) acute toxicity;

Not conclusive data for classification.

Acute Toxicity Estimate (ATE):

Mixtures:

ATE (Oral) = 41.667 mg/kg

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b) skin corrosion/irritation;
Based on available data, the classification criteria are not met.

c) serious eye damage/irritation;
Based on available data, the classification criteria are not met.

d) respiratory or skin sensitisation;
Based on available data, the classification criteria are not met.

e) germ cell mutagenicity;
Not conclusive data for classification.

f) carcinogenicity;
Not conclusive data for classification.

g) reproductive toxicity;
Not conclusive data for classification.

h) STOT-single exposure;
Not conclusive data for classification.

i) STOT-repeated exposure;
Based on available data, the classification criteria are not met.

j) aspiration hazard;
Not conclusive data for classification.

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
3-iodo-2-propynyl butylcarbamate, 3-iodoprop-2-yn-1-yl butylcarbamate CAS No: 55406-53-6 EC No: 259-627-5	Fish	LC50	Fish	0,183 mg/l (96 h) [1] [1] Farrell, A.P., E. Stockner, and C.J. Kennedy 1998. A Study of the Lethal and Sublethal Toxicity of Polyphase P-100, an Antisapstain Fungicide Containing 3-Iodo-2-Propynyl Butyl Carbamate (IPBC), on. Arch. Environ. Contam. Toxicol. 35(3):472-478. Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.
	Aquatic invertebrates	LC50	Crustaceans	0,5 mg/l (48 h) [1] [1] Farrell, A.P., E. Stockner, and C.J. Kennedy 1998. A Study of the Lethal and Sublethal Toxicity of Polyphase P-100, an Antisapstain Fungicide Containing 3-Iodo-2-Propynyl Butyl Carbamate (IPBC), on. Arch. Environ. Contam. Toxicol. 35(3):472-478
	Aquatic plants			

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sodium hydroxide, caustic soda CAS No: 1310-73-2 EC No: 215-185-5	Fish	Minimal Lethal Concentration Notropis sp. 100 mg/L (120 h) [1] [1] Van Horn et al. (1949), Effects of Kraft Mill Wastes, American Fisheries Society
	Aquatic invertebrates	LC50 Ophryotrocha diadema 33 mg/L (48 h) [1] [1] Parker JG (1984), Wat Res, 18, 865-868
	Aquatic plants	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS No: 55965-84-9 EC No:	Fish	LC50 Fish 0,36 mg/l (96 h) [1] LC50 Fish 0,19 mg/l (96 h) [2] [1] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C [2] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C
	Aquatic invertebrates	LC50 Crustacean 0,56 mg/l (48 h) [1] EC50 Crustacean 1,07 mg/l (48 h) [2] EC50 Crustacean 0,18 mg/l (48 h) [3] [1] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C [2] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C [3] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C
	Aquatic plants	EC50 Algae 0,06 mg/l (96 h) [1] EC50 Algae 0,13 mg/l (72 h) [2] [1] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C [2] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C

12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level

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2-butoxyethanol, ethyleneglycol monobutyl ether, butyl cellosolve CAS No: 111-76-2 EC No: 203-905-0	0,8	-	-	Very low
Propylene glycol CAS No: 57-55-6 EC No: 200-338-0	-0,92	-	-	Very low

12.4 Mobility in soil.

No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.
Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number or ID number.

Transportation is not dangerous.

14.2 UN proper shipping name.

Description:
ADR/RID: Not classified as hazardous for transport.
IMDG: Not classified as hazardous for transport.
ICAO/IATA: Not classified as hazardous for transport.

14.3 Transport hazard class(es).

Transportation is not dangerous.

14.4 Packing group.

Transportation is not dangerous.

14.5 Environmental hazards.

Transportation is not dangerous.
Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): Not applicable.

14.6 Special precautions for user.

Transportation is not dangerous.

14.7 Maritime transport in bulk according to IMO instruments.

Transportation is not dangerous.

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SECTION 15: REGULATORY INFORMATION.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compound (VOC)

Product Subcategory (Directive 2004/42/EC): b - Interior glossy walls and ceilings (Gloss >25@60°), water-borne

Phase II* (from 01/01/2010): 100 g/l

(*) g/l ready to use

VOC content: 35 g/l

The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal 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.
H332	Harmful if inhaled.
H372	Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.(laringe)
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 2 : Acute toxicity (Dermal), Category 2
Acute Tox. 2 : Acute toxicity (Inhalation), Category 2
Acute Tox. 3 : Acute toxicity (Inhalation), Category 3
Acute Tox. 3 : Acute toxicity (Oral), Category 3
Acute Tox. 4 : Acute toxicity (Inhalation), Category 4
Acute Tox. 4 : Acute toxicity (Oral), Category 4
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1
Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1
Aquatic Chronic 3 : Chronic effect to the aquatic environment, Category 3
Eye Dam. 1 : Serious eye damage, Category 1
Eye Irrit. 2 : Eye irritation, Category 2
Met. Corr. 1 : Corrosive to metals, Category 1

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STOT RE 1 : Specific target organ toxicity following a repeated exposure, Category 1
Skin Corr. 1A : Skin Corrosive, Category 1A
Skin Corr. 1C : Skin Corrosive, Category 1C
Skin Irrit. 2 : Skin irritant, Category 2
Skin Sens. 1 : Skin sensitiser, Category 1
Skin Sens. 1A : Skin sensitiser, Category 1A

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

BCF: Bioconcentration factor.
CEN: European Committee for Standardization.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50: Half maximal effective concentration.
PPE: Personal protection equipment.
LC50: Lethal concentration, 50%.
LD50: Lethal dose, 50%.
NOEC: No observed effect concentration.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>
<http://echa.europa.eu/>
Regulation (EU) 2020/878.
Regulation (EC) No 1907/2006.
Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.