

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 1 of 11
Print date: 23-5-2023

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

1.1 Product identification :

Product name : Water based size

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

Relevant uses: Paints and varnishes. For professional users only.

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet

Responsible distributor: ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number :

For Belgium: Call the **Poison Control Centre (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.

NHS 24 Direct For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard Identification

2.1 Classification of the substance or mixture :

Regulation No. 1272/2008 (CLP) :

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

2.2 Label Elements :

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS] :

Hazard statements:

Non-applicable

Precautionary statements:

Non-applicable

Supplementary information:

EUH208: Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol, 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.

EUH210: Safety data sheet available on request.

2.3 Other hazards :

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

Toxicological information:

The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 2 of 11
Print date: 23-5-2023

SECTION 3: Composition and Information on Ingredients**3.1 Substance :****Chemical description:**

Solution of solute and solvent

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Chemical Name	CAS No. EC No. Index No. Registration number	Classification (Regulation (EC) No 1272/008)	Concentration (%)
2,4,7,9-tetramethyldec-5-yne-4,7-diol ⁽¹⁾	126-86-3 204-809-1 - 01-2119954390-39	Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Sens. 1B: H317 – Danger <u>M-factor</u> Acute 100 Chronic 100	0,1 - <0,25 %
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) ⁽¹⁾	55965-84-9 - 613-167-00-5 -	Acute Tox. 2: H310+H330; Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1C: H314; Skin Sens. 1A: H317; EUH071 – Danger <u>Specific concentration limit</u> % (w/w) >=0,6: Skin Corr. 1C - H314 0,06<= % (w/w) <0,6: Skin Irrit. 2 - H315 % (w/w) >=0,6: Eye Dam. 1 - H318 0,06<= % (w/w) <0,6: Eye Irrit. 2 - H319 % (w/w) >=0,0015: Skin Sens. 1A - H317	<0,1 %

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878.

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: First Aid Measures**4.1 Description of first aid measures :**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation.

However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest.

Request medical attention if symptoms persist.

By skin contact:

This product is not classified as hazardous when in contact with the skin.

However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap.

In case of serious reaction consult a doctor.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes.

If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage.

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 3 of 11
Print date: 23-5-2023

In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration.

Keep the person affected at rest.

Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media :

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use.

In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA).

Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies.

Eliminate all sources of ignition.

In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures.

Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures :

For non-rescue workers:

Isolate leaks provided that there is no additional risk for the people performing this task.

Personal protection equipment must be used against potential contact with the spilt product (See section 8).

Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment.

Keep unprotected persons away.

See section 8.

6.2 Environmental precautions:

Avoid spillage into the aquatic environment as it contains substances potentially dangerous for this.

Contain the product absorbed in hermetically sealed containers.

In the case of serious spillage into the aquatic environment notify the relevant authority.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place.

Do not absorb in sawdust or other combustible absorbents.

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 4 of 11
Print date: 23-5-2023

For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: Handling and Storage :

7.1 Precautions for safe handling

Precautions for safe handling :

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights.

Maintain order, cleanliness and dispose of using safe methods (section 6).

Technical recommendations for the prevention of fires and explosions:

Product is non-flammable under normal conditions of storage, handling and use.

It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products.

Consult section 10 for information on conditions and materials that should be avoided.

Technical recommendations on general occupational hygiene:

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

Technical recommendations to prevent environmental risks:

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3).

7.2 Conditions for safe storage, including any incompatibilities

Technical storage measures:

Minimum temperature: 5°C

Maximum temperature: 30°C

Maximum duration: 6 months

General storage conditions:

Avoid all sources of heat, radiation, static electricity and contact with food.

For further information see subheading 10.5.

7.3 Specific end use :

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters :

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

There are no applicable occupational exposure limits for the substances contained in the product.

DNEL (Workers):

Identification		Short Term Exposure		Long Term Exposure	
		Systemic	Local	Systemic	Local
2,4,7,9-tetramethyldec-5-yne-4,7-diol CAS: 126-86-3 EC: 204-809-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	1,5 mg/kg	Non-applicable	0,5 mg/kg	Non-applicable
	Inhalation	5,28 mg/m ³	Non-applicable	1,76 mg/m ³	Non-applicable

DNEL (General Population):

Identification		Short Term Exposure		Long Term Exposure	
		Systemic	Local	Systemic	Local
2,4,7,9-tetramethyldec-5-yne-4,7-diol CAS: 126-86-3 EC: 204-809-1	Oral	0,75 mg/kg	Non-applicable	0,25 mg/kg	Non-applicable
	Dermal	0,75 mg/kg	Non-applicable	0,25 mg/kg	Non-applicable
	Inhalation	1,29 mg/m ³	Non-applicable	0,43 mg/m ³	Non-applicable

PNEC exposure limit values:

Identification				
2,4,7,9-tetramethyldec-5-yne-4,7-diol CAS: 126-86-3 EC: 204-809-1	Sewage Treatment Plant	7 mg/L	Fresh Water	0,04 mg/L
	Soil	0,028 mg/kg	Marine Water	0,004 mg/L
	Intermittent emissions	0,4 mg/L	Fresh Water Sediment	0,32 mg/kg

SAFETY DATA SHEET

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 5 of 11
Print date: 23-5-2023

	Oral	Non-applicable	Marine Water Sediment	0,032 mg/kg
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8.2 Exposure controls :

Individual protection measures, such as personal protective equipment:

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425.

For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer.



For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.



Respiratory protection :

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.



Specific hand protection :

Pictogram	PPE	Marking	ECN Standards	Comments
 Hand protection is mandatory	Protective gloves against minor risks			Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+ A1:2010 and EN ISO 374-1:2016+A1:2018

Face and eye protection :

Pictogram	PPE	Marking	ECN Standards	Comments
 Face protection required	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect regularly according to manufacturer's instructions. Use if there is a risk of splashing.

Body protection:

Pictogram	PPE	Marking	ECN Standards	Comments
	Work clothing			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes		EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

Additional emergency measures :

It is not necessary to take additional emergency measures.

Environmental exposure controls:

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 6 of 11
Print date: 23-5-2023

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container.

For additional information see subsection 7.1.

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

C.O.V. (2010/75/EU):	0 % by weight
V.O.C. concentration at 20°C:	0 kg/m ³ (0 g/L)
Average number of carbon:	Not relevant
Average molecular weight:	Not relevant

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties :

For more information see the product data sheet.

Physical aspect:

Physical state at 20°C:	Liquid
Appearance:	Not available
Colour:	White
Odour:	Characteristic
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 20°C:	Non-applicable *
Vapour pressure at 50°C:	<300000 Pa (300 kPa)
Evaporation rate at 20°C:	Non-applicable *

Product description:

Density at 20°C:	999.7 kg/m ³ .
Relative density at 20°C:	1
Dynamic viscosity at 20°C:	≤1000 cP
Kinematic viscosity at 20°C:	Non-applicable *
Kinematic viscosity at 40°C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapor density at 20°C:	Non-applicable *
Partition coefficient n-octanol/water at 20°C:	Non-applicable *
Solubility in water at 20°C:	Non-applicable *
Solubility property:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *

Flammability:

Flash point:	Non-flammable (>60°C)
Flammability (solid, gas):	Non-applicable *
Auto-ignition temperature:	Non-applicable *
Lower flammable limit:	Non-applicable *
Upper flammable limit:	Non-applicable *

Particle characteristics:

Median equivalent diameter:	Non-applicable *
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9.2 Other information

Information on physical hazard classes:

Explosive properties:	Non-applicable *
Oxidizing properties:	Non-applicable *
Substances or mixtures corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 7 of 11
Print date: 23-5-2023

Aerosols - next total percentage (by mass) of flammable components: Non-applicable *

Other security features:

Surface tension at 20°C: Non-applicable *

Refractive index: Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: Stability and Reactivity

10.1 Reactivity :

No dangerous reactions expected under normal conditions of storage, handling and use.

See section 7.

10.2 Chemical Stability :

Chemically stable under the stated conditions of storage, handling and use.

10.3 Potentially dangerous reactions :

Under normal conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid

Applicable for handling and storage at room temperature:

Shock and friction	Contact with the air	Warm-up	Solar Light	Moisture
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Chemically interacting materials :

Articles	Water	Oxidizing substances	Combustible materials	Other
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products :

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products.

Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects :

The experimental information related to the toxicological properties of the product itself is not available.

Dangerous health effects:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effects):

- ✓ Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- ✓ - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effects):

- ✓ Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- ✓ - Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

C- Contact with the skin and the eyes (acute effect):

- ✓ Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- ✓ - Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- ✓ Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 8 of 11
Print date: 23-5-2023

- ✓ IARC: Non-applicable
- ✓ - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- ✓ - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- ✓ Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- ✓ - Skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F- Specific Target Organ Toxicity (STOT) - exposure time:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific Target Organ Toxicity (STOT)-repeated exposure:

- ✓ Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- ✓ - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute Toxicity		Genus
	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9 EC: Non-applicable	LD50 oral	
	LD50 dermal	87,12 mg/kg	Rabbit
	LC50 inhalation	0,33 mg/L (4 h)	Rat

11.2 Information on other hazards:**Endocrine disrupting properties**

Endocrine-disrupting properties:

The product fails to meet the criteria.

Other information:

Non-applicable.

SECTION 12: Ecological Information

The experimental information related to the eco-toxicological properties of the product itself is not available.

12.1 Toxicity :**Acute toxicity:**

Identification	Concentration		Species	Genus
	2,4,7,9-tetramethyldec-5-yne-4,7-diol CAS: 126-86-3 EC: 204-809-1	LC50		
	EC50	>10 - 100 mg/L (48 h)		Crustacean
	EC50	>10 - 100 mg/L (72 h)		Algae
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9 EC: Non-applicable	LC50	>0.1 - 1 mg/L (96 h)		Fish
	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
	EC50	>0.1 - 1 mg/L (72 h)		Algae

12.2. Persistence and degradability

Not available.

12.3 Bioaccumulation :

Not available.

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 9 of 11
Print date: 23-5-2023

12.4 Mobility in soil :

Not available.

12.5 Results of PBT and vPvB assessment

Product fails to meet PBT/vPvB criteria.

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties:

The product fails to meet the criteria.

12.7 Other adverse effects:

Not described.

SECTION 13: Disposal Instructions

13.1 Methods of waste disposal :

Code	Description	Waste class (Regulation (EU) No. 1357/2014)
08 01 12	waste paint and varnish other than those mentioned in 08 01 11	Non dangerous

Type of waste (Regulation (EU) No 1357/2014):

Non-applicable.

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC).

As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product.

Otherwise, it will be processed as non-dangerous residue.

Waste should not be disposed of to drains. See paragraph 6.2.

Provisions relating to the treatment of waste:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated.

Community legislation:

Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014.

SECTION 14: Transport Information

14.1 UN number

The product is not classified as hazardous.

14.2 Proper shipping name according to the UN Model Regulations

The product is not classified as hazardous.

14.3 Transport hazard class(es)

The product is not classified as hazardous.

14.4 Packing group

The product is not classified as hazardous.

14.5 Environmental Risks

The product is not classified as hazardous.

14.6 Special precautions for the user

The product is not classified as hazardous.

14.7 Transport in bulk according to MARPOL 73/78 Annex II and the IBC Code

Not applicable for the product as supplied.

SECTION 15: Legally Required Information

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

Safety, health and environmental regulations/legislation specific to the substance or mixture:

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article.

Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH):

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 10 of 11
Print date: 23-5-2023

Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date:

Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer:

Non-applicable

Article 95, REGULATION (EU) No 528/2012:

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Product-type 2, 4, 6, 11, 12, 13)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products:

Non-applicable

Seveso III:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII

REACH, etc):

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical Safety Assessment :

The supplier has not carried out evaluation of chemical safety.

SECTION 16: Other information

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market.

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks:

COMMISSION REGULATION (EU) 2020/878.

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

New declared substances:

- ✓ 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3)
- ✓ reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

Texts of legislative phrases in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3.

Regulation No. 1272/2008 (CLP) :

Acute Tox. 2: H310+H330 - Fatal in contact with skin or if inhaled.

Acute Tox. 3: H301 - Toxic if swallowed.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Eye Dam. 1: H318 - Causes serious eye damage.

Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

Skin Sens. 1B: H317 - May cause an allergic skin reaction.

According to Directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 09-01-2023
Trade name : Water based size

Page 11 of 11
Print date: 23-5-2023

Method of classification:

Not relevant

Advice on training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Primary documentation sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG:	International Maritime Dangerous Goods Code
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
COD:	Chemical Oxygen Demand
BOD5:	Biological oxygen demand after 5 days
BCF:	Bioconcentration factor
LD50:	Lethal Dose 50 LC50: Lethal Concentration 50
LC50:	Lethal Concentration 50
EC50:	Effective concentration 50
Log Pow:	Octanol/water partition coefficient
Koc:	Partition coefficient of organic carbon
UFI:	Unique formulation identifier
IARC:	International Agency for Research on Cancer