

# SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

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

1.1 Product identifier	
Product identifier	: WB01
Product name	: Cromax <sup>®</sup> Pro Mixing Color White HS
Product type	: Liquid.
Other means of identification	: 1250013545; 1250043548; 1250070288
Date of issue/ Date of revision	: 9 May 2024
Version	: 1.12
Date of previous issue	: 13 February 2024

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

Identified uses	:	Coating component.
Uses advised against	:	Not for sale to or use by consumers.

#### 1.3 Details of the supplier of the safety data sheet

Axalta Coating Systems Germany GmbH & Co. KG Christbusch 25 DE 42285 Wuppertal +49 (0)202 529-0 e-mail address of person : sds-competence@axalta.com responsible for this SDS

Axalta Coating Systems UK Ltd. Unit 1, Quadrant Park, Mundells GB Welwyn Garden City, Hertfordshire, AL7 1FS +44 (0)1707 518 000

#### 1.4 Emergency telephone number

#### Supplier

**Telephone number** : +(44)-870-8200418 Hours of operation 2

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### **Classification according to UK CLP/GHS**

Not classified.

The product is not classified as hazardous according to UK CLP Regulation SI 2019/720 as amended. See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

Signal word

: No signal word.

Date of issue/Date of revision : 5/9/2024	Date of previous issue	: 2/13/2024	Version : 1.12	2 1/15
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## **SECTION 2: Hazards identification**

Hazard statements	:	No known significant effects or critical hazards.
Precautionary statements		
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	EUH208 - Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol and 1,2-benzisothiazol-3 (2H)-one. May produce an allergic reaction. EUH210 - Safety data sheet available on request. EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
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**

3.2 Mixtures : Mixture				
Product/ingredient name	Identifiers	%	Classification	Туре
(2-methoxymethylethoxy)propanol	REACH #: 01-2119450011-60 EC: 252-104-2 CAS: 34590-94-8	≤3	Not classified.	[2]
Isopropyl alcohol	REACH #: 01-2119457558-25 EC: 200-661-7 CAS: 67-63-0	≤3	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2,4,7,9-tetramethyldec-5-yne- 4,7-diol	REACH #: 01-2119954390-39 EC: 204-809-1 CAS: 126-86-3	<1	Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 3, H412	[1]
1,2-benzisothiazol-3(2H)-one	REACH #: 01-2120761540-60 EC: 220-120-9 CAS: 2634-33-5 Index: 613-088-00-6	<0.01	Acute Tox. 4, H302 Acute Tox. 2, H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411	[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.

 Date of issue/Date of revision
 : 5/9/2024
 Date of previous issue
 : 2/13/2024

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

#### Туре

[1] Substance classified with a physical, health or environmental hazard

[2] Substance with a workplace exposure limit

This mixture contains ≥ 1% of titanium dioxide. The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

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

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

#### 4.1 Description of first aid measures

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

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

#### Over-exposure signs/symptoms

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

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

Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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**Specific treatments** : No specific treatment.

### **SECTION 5: Firefighting measures**

5.1 Extinguishing media		
Suitable extinguishing media	:	Recommended: alcohol-resistant foam, CO <sub>2</sub> , powders, water spray.
Unsuitable extinguishing media	:	Do not use water jet.
5.2 Special hazards arising fi	rom	the substance or mixture
Hazards from the substance or mixture	:	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
Hazardous combustion products	:	Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.
5.3 Advice for firefighters		
Special protective actions for fire-fighters	:	Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.
Special protective equipment for fire-fighters	:	Appropriate breathing apparatus may be required.

Date of issue/Date of revision

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

6.1 Personal precautions, pro	ote	ctive equipment and emergency procedures
For non-emergency personnel	:	Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.
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".
6.2 Environmental precautions	:	Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

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

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 (see Section 13). Preferably clean with a detergent. Avoid using solvents.

6.4 Reference to other	: See Section 1 for emergency contact information.
sections	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

Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits.

In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.

Keep away from heat, sparks and flame. No sparking tools should be used.

Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Put on appropriate personal protective equipment (see Section 8).

Never use pressure to empty. Container is not a pressure vessel.

Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws.

Do not allow to enter drains or watercourses.

Information on fire and explosion protection

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

Additional information on storage conditions

Observe label precautions. Store between the following temperatures: 5 to 35°C (41 to 95°F). Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)	
Recommendations	: Not available.
Industrial sector specific	: Not available.
solutions	

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

### 8.1 Control parameters

### Occupational exposure limits

Product/ingredient name	Exposure limit values			
(2-methoxymethylethoxy)propanol	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin.			
	TWA: 308 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours.			
Isopropyl alcohol	EH40/2005 WELs (United Kingdom (UK), 1/2020). STEL: 1250 mg/m <sup>3</sup> 15 minutes. STEL: 500 ppm 15 minutes.			
	TWA: 999 mg/m³ 8 hours. TWA: 400 ppm 8 hours.			

#### **Biological exposure indices**

No exposure indices known.

#### **Recommended monitoring procedures**: Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

Туре	Exposure	Value	Population	Effects
DNEL	Long term Dermal	65 mg/kg bw/day	Workers	Systemic
DNEL	Long term Inhalation	50.4 ppm	Workers	Systemic
DNEL	Long term Oral	36 mg/kg bw/dav	General population	Systemic
DNEL	Long term Inhalation	37.2 mg/m <sup>3</sup>	General	Systemic
DNEL	Long term Dermal	121 mg/kg bw/day	General	Systemic
DNEL	Long term Dermal	283 mg/kg	Workers	Systemic
DNEL	Long term Inhalation	308 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Long term	500 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Long term Dermal	888 mg/kg bw/day	Workers	Systemic
DNEL	Long term Oral	26 mg/kg	General population	Systemic
DNEL	Short term Oral	51 mg/kg	General	Systemic
DNEL	Long term Inhalation	89 mg/m <sup>3</sup>	General	Systemic
DNEL	Short term	178 mg/m³	General	Systemic
DNEL	Long term Dermal	319 mg/kg bw/day	General	Systemic
DNEL	Short term Inhalation	1000 mg/	Workers	Systemic
DNEL	Long term Oral	0.29 mg/	General population	Systemic
DNEL	Long term Dermal	0.29 mg/	General	Systemic
DNEL	Long term Inhalation	0.505 mg/ m <sup>3</sup>	General	Systemic
DNEL	Long term Dermal	0.812 mg/	Workers	Systemic
DNEL	Long term Inhalation		Workers	Systemic
	DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL	DNELLong term DermalDNELLong term Inhalation DNELLong term OralDNELLong term OralDNELLong term OralDNELLong term DermalDNELLong term DermalDNELLong term DermalDNELLong term Inhalation InhalationDNELLong term OralDNELLong term InhalationDNELLong term OralDNELLong term OralDNELLong term OralDNELShort term OralDNELShort term OralDNELShort term Inhalation InhalationDNELShort term InhalationDNELShort term InhalationDNELShort term InhalationDNELLong term DermalDNELLong term OralDNELLong term OralDNELLong term DermalDNELLong term Dermal	N.Image of the system is the system of the system is the system of the syst	DNELLong term Dermal Inhalation65 mg/kg bw/dayWorkersDNELLong term Inhalation50.4 ppmWorkersDNELLong term Oral36 mg/kg bw/dayGeneral populationDNELLong term Inhalation37.2 mg/m³General populationDNELLong term Dermal121 mg/kg bw/dayGeneral populationDNELLong term Dermal283 mg/kg bw/dayWorkersDNELLong term Dermal Inhalation283 mg/kg bw/dayWorkersDNELLong term Dermal Inhalation500 mg/m³ bw/dayWorkersDNELLong term Oral Inhalation500 mg/m³ bw/dayWorkersDNELLong term Oral Inhalation26 mg/kg bw/dayGeneral populationDNELLong term Oral51 mg/kg bw/dayGeneral populationDNELLong term Oral51 mg/kg bw/dayGeneral populationDNELLong term Dermal Inhalation319 mg/kg general populationGeneral populationDNELLong term Dermal319 mg/kg general populationGeneral populationDNELLong term Dermal0.29 mg/ kg bw/dayGeneral populationDNELLong term Dermal0.29 mg/ kg bw/dayGeneral populationDNELLong term Dermal0.29 mg/ kg bw/dayGeneral populationDNELLong term Dermal0.29 mg/ kg bw/dayGeneral populationDNELLong term Dermal0.29 mg/ kg bw/dayGeneral popu

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

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1,2-benzisothiazol-3(2H)-one	DNEL	Long term Inhalation	6.81 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Dermal	0.966 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	0.345 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.966 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1.2 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	6.81 mg/m <sup>3</sup>	Workers	Systemic

#### PNECs

Product/ingredient name	Compartment Detail	Value	Method Detail
(2-methoxymethylethoxy)propanol	Marine water	1.9 mg/l	-
	Fresh water	19 mg/l	-
	Fresh water sediment	70.2 mg/l	-
	Secondary Poisoning	190 mg/l	-
	Sewage Treatment	4168 mg/l	-
	Marine water sediment	7.02 mg/kg	-
	Soil	2.74 mg/kg	-
Isopropyl alcohol	Fresh water	140.9 mg/l	-
	Marine water	140.9 mg/l	-
	Fresh water sediment	552 mg/kg	-
	Marine water sediment	552 mg/kg	-
	Soil	28 mg/kg	-
	Sewage Treatment Plant	2251 mg/kg	-
2,4,7,9-tetramethyldec-5-yne-4,7-diol	Fresh water	0.04 mg/l	-
	Marine water sediment	0.004 mg/l	-
	Fresh water sediment	0.32 mg/kg	-
	Marine water sediment	0.032 mg/kg	-
	Soil	0.028 mg/kg	-
	Sewage Treatment Plant	7 mg/kg	-
1,2-benzisothiazol-3(2H)-one	Fresh water	4.03 µg/l	-
	Marine water	0.403 µg/l	-
	Sewage Treatment Plant	1.03 mg/l	-
	Fresh water sediment	49.9 µg/kg dwt	-
	Marine water sediment	4.99 µg/kg dwt	-
	Soil	3 mg/kg	-

#### 8.2 Exposure controls

Appropriate engineering controls	:	Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.
Individual protection measured	res	
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Use safety eyewear designed to protect against splash of liquids.
Skin protection Hand protection		

## SECTION 8: Exposure controls/personal protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

Gloves	<ul> <li>Duration / breakthrough time: &lt;1 hour, Glove material: NBR, nitrile rubber, material thickness as splash protection: at least 0.2 mm, (EN374) Glove material: NBR, nitrile rubber Material thickness for short-term contact: at least 0.5 mm, (EN374)</li> </ul>
	The recommendation for the type or types of glove to use when handling this product is based on information from the following source:
	Expert judgment
	The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.
Body protection	<ul> <li>Personnel should wear antistatic clothing made of natural fibres or of high- temperature-resistant synthetic fibres.</li> </ul>
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.
Environmental exposure controls	: Do not allow to enter drains or watercourses.

## **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

Date of issue/Date of revision	: 5/9/2024	Date of previous issue	: 2/13/2024	Version	:112
Solubility in water	: Not ava	ailable.			
Viscosity	: Not ava	ailable.			
рН	: 7 to 9				
Decomposition temperature	: Not ap	olicable.			
Auto-ignition temperature	: 207°C	(404.6°F)			
Flash point	: Closed	cup: 66°C (150.8°F) [Pro	duct does not susta	in combustion.]	
	Not ava	ailable.			
Upper/lower flammability or explosive limits	: Not ava	ailable.			
Flammability (solid, gas)	: Not ava	ailable.			
Initial boiling point and boiling range	: 100 to	3000°C (212 to 5432°F)			
Melting point/freezing point	: Techni	cally not possible to meas	sure		
Odour threshold	: Not ava	ailable.			
Odour	: Not ava	ailable.			
Colour	: White.				
Physical state	: Liquid.				
<u>Appearance</u>					

7/15

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

Miscible with water	:	Yes.	
Partition coefficient: n-octanol/ water	:	Not applicable.	
Vapour pressure	:	0.99 kPa (7.4 mm Hg)	
Relative density	:	Not available.	
Density	:	1.634 g/cm³	
Vapour density	:	Not available.	
Explosive properties	:	Not available.	
Oxidising properties	:	Not available.	
Weight volatiles	:	41.8 % (w/w)	
VOC content	:	<b>4</b> .8 % (w/w)	(2010/75/EU)

#### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

Further information Not available.

#### 9.2.2 Other safety characteristics

**Miscible with water** : Yes. Further information Not available.

room temperature (=20°C)

#### SECTION 10: Stability and reactivity 10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients. 10.2 Chemical stability : Stable under recommended storage and handling conditions (see Section 7). 10.3 Possibility of : Under normal conditions of storage and use, hazardous reactions will not occur. hazardous reactions 10.4 Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products. **10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids. 10.6 Hazardous : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen. decomposition products

Not applicable

## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with

Date of issue/Date of revision : 5/9/2024	Date of previous issue	: 2/13/2024	Version : 1.12 8/15
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# **SECTION 11: Toxicological information**

the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol, 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. **Acute toxicity** 

Product/ingredient name	Result	Species	Dose	Exposure
(2-methoxymethylethoxy) propanol	LD50 Dermal	Rabbit	9510 mg/kg	-
Isopropyl alcohol	LC50 Inhalation Vapour	Rat - Male, Female	37.5 mg/l	4 hours
	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
1,2-benzisothiazol-3(2H)- one	LC50 Inhalation Dusts and mists	Rat	0.21 mg/l	4 hours
	LD50 Oral	Rat	1020 mg/kg	-

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
mixture	N/A	N/A	933781.0	N/A	N/A
(2-methoxymethylethoxy)propanol	N/A	9510	N/A	N/A	N/A
Isopropyl alcohol	5000	12800	N/A	37.5	N/A
2,4,7,9-tetramethyldec-5-yne-4,7-diol	2500	2500	N/A	N/A	N/A
1,2-benzisothiazol-3(2H)-one	1020	N/A	N/A	N/A	0.21

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Isopropyl alcohol	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
2,4,7,9-tetramethyldec-5-yne- 4,7-diol	Eyes - Severe irritant	Rabbit	-	0.1 MI	-
	Eyes - Visible necrosis	Rabbit	-	1 minutes	21 days
	Skin - Mild irritant	Rabbit	-	0.5 gm	-
1,2-benzisothiazol-3(2H)-one	Eyes - Severe irritant	Mammal - species unspecified	-	-	-
	Skin - Mild irritant	Human	-	48 hours 5 %	-

#### **Sensitisation**

Product/ingredient name	Route of exposure	Species	Result
2,4,7,9-tetramethyldec-5-yne- 4.7-diol	skin	Mouse	Sensitising
1,2-benzisothiazol-3(2H)-one	skin	Guinea pig	Sensitising

#### **Mutagenicity**

#### **Carcinogenicity**

It has been observed that the carcinogenic hazard of this product arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.

#### **Reproductive toxicity**

#### **Teratogenicity**

Date of issue/Date of revision

# **SECTION 11: Toxicological information**

#### Specific target organ toxicity (single exposure)

Product/ing	rec	lient name	Category	Route of exposure	Target organ
Isopropyl alcohol			Category 3	-	Narcotic effects
Specific target organ toxicit	ty (	<u>repeated exposure)</u>			
Not available.					
Aspiration hazard					
Not available.					
nformation on likely routes of exposure	:	Not available.			
Potential acute health effects	2				
Eye contact	:	No known significant effects	s or critical hazards	i.	
Inhalation	:	No known significant effects	s or critical hazards	i.	
Skin contact	:	No known significant effects	s or critical hazards	i.	
Ingestion	:	No known significant effects	s or critical hazards		
Symptoms related to the phy	sic	al, chemical and toxicolog	<u>lical characteristic</u>	<u>:s</u>	
Eye contact	:	No specific data.			
Inhalation	:	No specific data.			
Skin contact	:	No specific data.			
Ingestion	:	No specific data.			
Delayed and immediate effect	<u>ts</u>	as well as chronic effects f	from short and lor	ng-term exposur	<u>e</u>
Short term exposure					
Potential immediate effects	:	Not available.			
Potential delayed effects	:	Not available.			
<u>Long term exposure</u>					
• ·		Not available.			
Potential immediate effects	:				
		Not available.			
effects	:	Not available.			
effects Potential delayed effects	:	Not available.			
effects Potential delayed effects <u>Potential chronic health eff</u> e	: ect	Not available.			
effects Potential delayed effects Potential chronic health effe Not available.	: ect	Not available. <u>s</u>	s or critical hazards		
effects Potential delayed effects <u>Potential chronic health effe</u> Not available. Conclusion/Summary	: ect :	Not available. <u>s</u> Not available.			
effects Potential delayed effects Potential chronic health effects Not available. Conclusion/Summary General	: <u>ect</u> : :	Not available. <u>s</u> Not available. No known significant effects	s or critical hazards	i.	
effects Potential delayed effects Potential chronic health effects Not available. Conclusion/Summary General Carcinogenicity	: ect : : :	Not available. <u>s</u> Not available. No known significant effects No known significant effects	s or critical hazards s or critical hazards		

SECTION 12: Ecological information

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Isopropyl alcohol	Acute EC50 7550 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia magna</i> - Neonate	48 hours
	Acute LC50 1400000 µg/l Marine water	Crustaceans - Common shrimp, sand shrimp - <i>Crangon crangon</i>	48 hours
	Acute LC50 4200 mg/l Fresh water	Fish - Harlequinfish, red rasbora - <i>Rasbora</i>	96 hours
		heteromorpha	
2,4,7,9-tetramethyldec- 5-yne-4,7-diol	Acute EC50 15 mg/l	Algae	72 hours
	Acute EC50 91 mg/l	Daphnia	48 hours
	Acute LC50 42 mg/l	Fish	96 hours
	Acute NOEC 1.8 mg/l	Algae	72 hours
1,2-benzisothiazol-3(2H)-one		Algae	72 hours
	Acute EC50 97 ppb Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 10 to 20 mg/l Fresh water	Crustaceans - Water flea - Ceriodaphnia dubia	48 hours
	Acute LC50 167 ppb Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	96 hours
	Chronic NOEC 0.0403 mg/l	Algae	72 hours

**Conclusion/Summary** : Not available.

#### 12.2 Persistence and degradability

Product/ingredient name	Test	Result		Dose	Inoculum
1,2-benzisothiazol-3(2H)-one	-	70 % - Readily - 28	days	-	-
Conclusion/Summary	: Not available.				·
Product/ingredient name	Aquatic half-life		Photolysis	6	Biodegradability
1,2-benzisothiazol-3(2H)-one	-		-		Readily

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
(2-methoxymethylethoxy)	0.004	-	Low
Isopropyl alcohol	0.05	-	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 Other adverse effects** : No known significant effects or critical hazards.

## **SECTION 13: Disposal considerations**

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).

#### 13.1 Waste treatment methods

<u>Product</u>	
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	: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.
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.
Type of packaging	Waste catalogue
	15 01 10* packaging containing residues of or contaminated by hazardous substances

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number	Not regulated.	9003	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	SUBSTANCES WITH A FLASH-POINT ABOVE 60 °C AND NOT MORE THAN 100 °C ( (2-methoxymethylethoxy) propanol, Isopropyl alcohol)	-	-
14.3 Transport hazard class(es)	-	9	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

#### Additional information

ADN

: The product is only regulated as a dangerous good when transported in tank vessels.

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.

## **SECTION 14: Transport information**

14.7 Transport in bulk: Not available.according to IMOinstruments

### **SECTION 15: Regulatory information**

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

#### UK (GB)/REACH

#### Annex XIV - List of substances subject to authorisation

#### Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions	Not applicable.
on the manufacture,	
placing on the market	
and use of certain	
dangerous substances,	
mixtures and articles	

#### Seveso Directive

This product is not controlled under the Seveso Directive.

#### National regulations

		Product/ingredient name	List name	Name on list	Classification	Notes
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#### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### **Montreal Protocol**

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

**15.2 Chemical safety assessment** : This product contains substances for which Chemical Safety Assessments are still required.

### **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	<ul> <li>ATE = Acute Toxicity Estimate GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = GB CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number</li> </ul>
	RRN = REACH Registration Number
	SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative

#### Procedure used to derive the classification

Not classified.

#### Full text of abbreviated H statements

Date of issue/Date of revision	: 5/9/2024	Date of previous issue	: 2/13/2024	Version : 1.12 13/15
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### **SECTION 16: Other information**

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

#### Full text of classifications

Acute Tox. 2	ACUTE TOXICITY - Category 2
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
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revision	
Version	: 1.12

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#### Notice to reader

This product is intended for industrial use only.

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**SECTION 16: Other information**