

# 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	: 1524W
Product name	: Cromax® Mixing Color Galaxy Blue EFX
Product type	: Liquid.
Other means of identification	: 1250044920
Date of issue/ Date of revision	: 4 June 2024
Version	: 1.04
Date of previous issue	: 25 May 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)-870-8200418Hours of operation:

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Product definition : Mixture

#### Classification according to UK CLP/GHS

Eye Dam. 1, H318 Aquatic Chronic 3, H412

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

Date of iss	sue/Date	of revision
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1/14

# **SECTION 2: Hazards identification**

Ingredients of unknown toxicity	<ul> <li>6.2 percent of the mixture consists of component(s) of unknown acute oral toxicity</li> <li>6.2 percent of the mixture consists of component(s) of unknown acute dermal toxicity</li> <li>6.2 percent of the mixture consists of component(s) of unknown acute inhalation toxicity</li> </ul>
Ingredients of unknown ecotoxicity	: Contains 6.2% of components with unknown hazards to the aquatic environment

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

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

2.2 Label elements		
Hazard pictograms	:	
Signal word	:	Danger
Contains	:	1-pentanol
Hazard statements	:	H318 - Causes serious eye damage. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements		
Prevention	:	P280 - Wear eye or face protection. P273 - Avoid release to the environment.
Response	:	P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	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	:	None known.

#### not result in classification

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

Product/ingredient name	Identifiers	%	Classification	Туре
1-pentanol	REACH #: 01-2119491284-34 EC: 200-752-1 CAS: 71-41-0 Index: 603-200-00-1	<10	Flam. Liq. 3, H226 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 2, H411	[1]
Date of issue/Date of revision	: 6/4/2024 Date of previous issu	e : 5/25/2024	Version : 1	.04 2/

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

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

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

<u>Type</u>

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

This mixture contains  $\geq$  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	:	Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	:	Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	:	Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

# Over-exposure signs/symptoms Eye contact : Adverse symptoms may include the following: pain watering redness Inhalation : No specific data. Date of issue/Date of revision : 6/4/2024 Date of previous issue : 5/25/2024 Version : 1.04 3/14

SECTION	٨.	Eirct aid	mogeu

SECTION 4: FIrst	aid measures
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
4.3 Indication of any imm	nediate medical attention and special treatment needed
Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</li> </ul>

#### **Specific treatments** : No specific treatment.

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

: Rec	ommended: alcohol-resistant foam, CO <sub>2</sub> , powders, water spray.
: Dor	not use water jet.
m the	substance or mixture
	will produce dense black smoke. Exposure to decomposition products may se a health hazard.
	composition products may include the following materials: carbon monoxide, oon dioxide, smoke, oxides of nitrogen.
	I closed containers exposed to fire with water. Do not release runoff from fire to ns or watercourses.
: App	ropriate breathing apparatus may be required.
ro	: Do n rom the : Fire caus : Dec carb : Coc drai

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

Due to the organic solvents content of the mixture:

#### 6.1 Personal precautions, protective 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

Due to the organic solvents content of the mixture:

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.

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.

#### 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 container tightly closed.

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: Not available.

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

#### 8.1 Control parameters

#### **Occupational exposure limits**

No exposure limit value known.

#### **Biological exposure indices**

No exposure indices known.

Recommended monitoring	:	Reference should be made to appropriate monitoring standards. Reference to
procedures		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 Inhalation	20 ppm	Workers	Systemic
DNEL	Long term Oral	12.5 mg/ kg bw/day	General population	Systemic
DNEL	Long term Inhalation	13 mg/m <sup>3</sup>	General population	Local
DNEL	Long term Inhalation	73.16 mg/ m³	Workers	Local
DNEL	Short term	218 mg/m <sup>3</sup>	General	Local
	DNEL DNEL DNEL DNEL	DNEL     Long term       DNEL     Long term       DNEL     Long term Oral       DNEL     Long term       Inhalation     Long term       Inhalation     Inhalation       DNEL     Long term       Inhalation     Inhalation	DNELLong term Inhalation20 ppmDNELLong term Oral12.5 mg/ kg bw/dayDNELLong term Oral13 mg/m³InhalationInhalationDNELLong term InhalationDNELLong term Inhalation	DNELLong term Inhalation20 ppmWorkersDNELLong term Oral12.5 mg/ kg bw/dayGeneral populationDNELLong term Inhalation13 mg/m³General populationDNELLong term Inhalation73.16 mg/ m³Workers

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

InhalationpopulationDNELShort term292 mg/m³WorkersLocalInhalationInhalationLocalLocal	1013/P		Clion		
	DNEL	Short term	292 mg/m³	1 1	Local

**PNECs** 

Product/ingredient name	Compartment Detail	Value	Method Detail
1-pentanol	Fresh water	0.12 mg/l	-
	Marine water	0.012 mg/l	-
	Secondary Poisoning	1.2 mg/l	-
	Fresh water sediment	0.496 mg/kg	-
	Marine water sediment	0.0496 mg/kg	-
	Sewage Treatment	37 mg/l	-
	Plant	-	
	Soil	1.068 mg/kg	-

#### 8.2 Exposure controls

Appropriate engineering	: Provide adequate ventilation. Where reasonably practicable, this should be
controls	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 measures

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

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	:	Duration / breakthrough time: <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)
		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	:	Personnel should wear antistatic clothing made of natural fibres or of high- temperature-resistant synthetic fibres.
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.

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

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Respiratory protection	: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.	
	Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding/flatting should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.	
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

<u>Appearance</u>		
Physical state	:	Liquid.
Colour	:	Blue.
Odour	:	Not available.
Odour threshold	:	Not available.
Melting point/freezing point	:	Technically not possible to measure
Initial boiling point and boiling range	:	100 to 139°C (212 to 282.2°F)
Flammability (solid, gas)	:	Not available.
Upper/lower flammability or explosive limits	:	Lower: 1.4% Upper: 10%
		Not available.
Flash point	:	Closed cup: 63°C (145.4°F) [Product does not sustain combustion.]
Auto-ignition temperature	:	300°C (572°F)
Decomposition temperature	:	Not applicable.
рН	:	8 to 10
Viscosity	:	Dynamic: 521 mPa·s Kinematic: 447 mm²/s
Solubility in water	:	Not available.
Miscible with water	:	Yes.
Partition coefficient: n-octanol/ water	:	Not applicable.
Vapour pressure	:	1.6 kPa (11.9 mm Hg)
Relative density	:	Not available.
Density	:	1.166 g/cm³
Vapour density	:	Not available.
Explosive properties	:	Not available.
Oxidising properties	:	Not available.
Weight volatiles	:	72.4 % (w/w)
VOC content	:	6.4 % (w/w) (2010/75/EU)
9.2 Other information 9.2.1 Information with regard to	pł	nysical hazard classes

Further information Not available.

9.2.2 Other safety characteris	tics
Miscible with water	: Yes.

Date of issue/Date of revision	: 6/4/2024	Date of previous issue	: 5/25/2024	Ve
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### **SECTION 9: Physical and chemical properties**

Further information Not available.

room temperature (=20°C)

### **SECTION 10: Stability and reactivity**

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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 hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
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	: Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.
	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 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.

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.

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
	LD50 Dermal LD50 Oral		2860 mg/kg 3030 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	N/A	173.2	N/A
1-pentanol	3030	2860	N/A	11	N/A

#### Irritation/Corrosion

# **SECTION 11: Toxicological information**

Product/ingredient name	Result	Species	Score	Exposure	Observation
1-pentanol	Eyes - Severe irritant	Rabbit	-	24 hours 5 uL	-
	Eyes - Severe irritant	Rabbit	-	81 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
	Ohim Onume imitent	Data		mg	
	Skin - Severe irritant	Rabbit	-	24 hours 3200 mg	-

### **Sensitisation**

**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

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

Product/ingredient name	Category	Route of exposure	Target organs
1-pentanol	Category 3	-	Respiratory tract irritation

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

Not available.

#### Aspiration hazard

Not available.

Information on likely routes of exposure	:	Not available.
•		
Potential acute health effects		
Eye contact		Causes serious eye damage.
Inhalation		No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Symptoms related to the phys	sic	cal, chemical and toxicological characteristics
Eye contact	:	Adverse symptoms may include the following: pain watering redness
Inhalation	:	No specific data.
Skin contact	:	Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	:	Adverse symptoms may include the following: stomach pains
Delayed and immediate effect	ts	as well as chronic effects from short and long-term exposure
<u>Short term exposure</u>		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.

Long term exposure

: 6/4/2024

# **SECTION 11: Toxicological information**

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	ects
Not available.	
Conclusion/Summary	: Not available.
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.
Other information	: Not available.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
1-pentanol	Acute EC50 714 mg/l Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	Acute LC50 180 ppm Marine water	Fish - Inland silverside - Menidia beryllina	96 hours
	Chronic EC10 0.059 mg/l Chronic NOEC 10 mg/l	Daphnia Fish	21 days 35 days
Conclusion/Summary	: Not available.		

#### Conclusion/Summary

#### 12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
1-pentanol	OECD 310 Ready Biodegradability - CO2 in Sealed Vessels (Headspace Test)	100 % - Readily - 18 days	-	-
Conclusion/Summary	: Not available.		· · · · · · · · · · · · · · · · · · ·	
			-	

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
1-pentanol	-	-	Readily

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
1-pentanol	1.51	-	Low

#### 12.4 Mobility in soil

Soil/water partition coefficient (K <sub>oc</sub> )	: 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.

Date of issue/Date of revision	: 6/4/2024	Date of previous issue	: 5/25/2024	V
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SECTION 12: Ecological information

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	: The classification of the product may meet the criteria for a hazardous waste.
Packaging	
Methods of disposal	<ul> <li>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.</li> </ul>

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. Care shoul taken when handling emptied containers that have not been cleaned or rinsed Empty containers or liners may retain some product residues. Avoid dispersa 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 (1-pentanol)	-	-
14.3 Transport hazard class(es)	-	9	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	Yes.	No.	No.

#### **Additional information**

ADN

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

user

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

**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**

	Γ	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** : 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 SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative</li> </ul>
Procedure used to derive	

#### Procedure used to derive the classification

SECTION 16: Other information				
	Classification	Justification		
Eye Dam. 1, H318 Aquatic Chronic 3, H4	12	Calculation method Calculation method		
Full text of abbreviate	ed H statements	·		
H315         Cau           H318         Cau           H332         Harr           H335         May           H411         Toxi	nmable liquid and vapour. ses skin irritation. ses serious eye damage. nful if inhaled. cause respiratory irritation. c to aquatic life with long lasting effects. nful to aquatic life with long lasting effects.			
Full text of classifications				
Acute Tox. 4ACUTE TOXICITY - Category 4Aquatic Chronic 2LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2Aquatic Chronic 3LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3Eye Dam. 1SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1Flam. Liq. 3FLAMMABLE LIQUIDS - Category 3Skin Irrit. 2SKIN CORROSION/IRRITATION - Category 2STOT SE 3SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3				
Date of issue/ Date of revision				
Version Date of previous issu	: 1.04 e : 5/25/2024			

#### Notice to reader

This product is intended for industrial use only.

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**SECTION 16: Other information**