- for COLOURFUL LIVES -

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ProductGloss Regency BlueRevision date20 January 2022Revision2

Safety Data Sheet (SDS)

according to Regulation (EC) No. 1907/2006

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

1.1 Product identifier

Product name Other means of identification Gloss Regency Blue UFI: 9UA0-N0CF-C00C-5T0T

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

Identified uses	Paint or paint related material.
Uses advised against	No uses advised against are identified.

1.3 Details of the supplier of the safety data sheet

Supplier	FSW Coatings Ltd
	Virginia
	Co Cavan
	Ireland
	Tel: 353 49854 7209
	161. 555 49654 7265
Contact person	info@fsw.ie
1.4 Emergency telephone number	
Emergency telephone	+ 353 49854 7209 (Between 0900 and 1700 hrs Monday-Friday)
National emergency telephone	Outside those hours, contact National Poisons Information Centre, Beaumont Hospital.
number	Members of Public: +353 (1) 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week) Healthcare
number	Members of rubic: ± 333 (1) 009 2100. (0.00 a.m. to 10.00 p.m. 7 days a week) field licate

Professionals: +353 (1) 809 2566 (24 hour service)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazardsFlam. Liq 3- H226Human healthSTOT SE 3 - H336EnvironmentNot classifiedabal elementsNot classified

2.2 Label elements

Contains

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics 1-methoxypropan-2-ol

Label in accordance with (EC) no. 1272/2008



H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness.

Warning

Signal word

Hazard statements

Precautionary statements

Prevention
P210 Keep away from heat/ sparks/open flames/hot surfaces. — No smoking.
P233 Keep container tightly closed.
P271 Use only outdoors or in a well-ventilated area.
Response

P370 + P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
Storage
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

EUH statements

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards

None known.

Section 3: Composition/information on ingredients

3.1 Substance

Not applicable.

3.2 Mixtures

Name	Product identifier	Regulation (EC) No 1272/2008	%
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS-No.: EC No.: 919-857-5 REACH Reg No.: 01-2119463258-33-XXXX	Asp. Tox - H304, Flam. Liq 3- H226, STOT SE 3 - H336	20-30%
titanium dioxide	CAS-No.: 13463-67-7 EC No.: 236-675-5		1-5%
pentaerythritol	CAS-No.: 115-77-5 EC No.: 204-104-9		1-5%
1-methoxypropan-2-ol	CAS-No.: 107-98-2 EC No.: 203-539-1	Flam. Liq 3- H226, STOT SE 3 - H336	1-5%
2-ethylhexanoic acid, zirconium salt	CAS-No.: 22464-99-9 EC No.: 245-018-1	Repr. 2 - H361d	0.1-0.9%
propane-1,2-diol	CAS-No.: 57-55-6 EC No.: 200-338-0 REACH Reg No.: 01-2119456809-23-XXXX		0.1-0.9%
Isopropoxyethanol	CAS-No.: 109-59-1 EC No.: 203-685-6 REACH Reg No.: 1-2119494720-35-xxxx	Acute Tox 4 - H312, Acute Tox 4 - H332, Skin Irrit.2 - H315, Eye Irrit.2A - H319, Flam. Liq 3- H226	0.1-0.9%
Carbon black	CAS-No.: 1333-86-4 EC No.: 215-609-9		0.1-0.9%
cyclohexanone	CAS-No.: 108-94-1 EC No.: 203-631-1 REACH Reg No.: 01-2119453616-35-XXXX	Acute Tox 4 - H332, Flam. Liq 3- H226	<0.1%
N,N-diethylhydroxylamine	CAS-No.: 3710-84-7 EC No.: 223-055-4 REACH Reg No.: 01-2119962470-39-XXXX	Aquatic Chronic 2 - H411, Acute Tox 4 - H312, Acute Tox 4 - H332, Flam. Liq 3- H226, STOT SE 3 - H335	<0.1%
Ethanol	CAS-No.: 64-17-5 EC No.: 200-578-6 REACH Reg No.: 01-2119457610-43	Eye Irrit.2A - H319, Flam. Liq 2- H225	<0.1%
Naphthalene	CAS-No.: 91-20-3 EC No.: 202-049-5 REACH Reg No.: 01-2119561346-37-XXXX	Acute Tox 4 - H302, Carc. 2 - H351, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	<0.1%

The full text for all hazard statements are displayed in section 16.

Composition comments

The data shown are in accordance with the latest EC Directives. Ethanol: Specific Concentration Limits - Eye Irrit. 2; H319: >= 50.

Section 4: First aid measures

<u>4.1 Description of first aid measures</u>

General information	Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue.
Inhalation	If this product is inhaled and symptoms occur, move the exposed person to fresh air promptly. If breathing is difficult, give oxygen. If breathing has stopped or the exposed person experiences difficulty in breathing, administer artificial respiration and seek immediate medical assistance.
Ingestion	Rinse mouth thoroughly. Provide fresh air, warmth and rest. Do not induce vomiting. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. Seek medical advice (show the label where possible). If vomiting occurs, the head should be kept low so that stomach content doesn't enter the lungs.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues after rinsing.
Eye contact	Do not rub eye. Avoid contaminating unaffected eye. Remove contact lenses if present and easy to do so. Promptly wash eye(s) with plenty of water while lifting the eye lids. Rinse with a gentle stream water for at least 15 minutes. Get prompt medical attention.

4.2 Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Exposure to product spray mists may be irritating to the respiratory system. Inhalation of vapours may cause headache, fatigue, dizziness and central nervous system effects.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	May cause temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to the physician	Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media	
Extinguishing media	Use fire-extinguishing media appropriate for surrounding materials. Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet to extinguish fire.
5.2 Special hazards arising from the su	bstance or mixture
Hazardous combustion products	Combustion may lead to the release of harmful vapours, including but not limited to oxides of carbon.
Unusual fire & explosion hazards	The product is classified as a flammable liquid and vapour. Vapours are heavier than air and may spread near ground to sources of ignition. Do not allow to enter drains, sewers, basements and workpits, or any place where its accumulation can be dangerous.
Specific hazards	Vapours may be ignited by a spark, a hot surface or an ember. Flash back possible over considerable distance.
5.3 Advice for firefighters	
Special fire fighting procedures	Ventilate closed spaces before entering them. Water spray should be used to cool containers. If possible, fight fire from protected position. Keep up-wind to avoid fumes.
Protective equipment for firefighter	rs Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Section 6: Accidental release measures

<u>6.1 Personal precautions, protective equipment and emergency procedures</u>

For non-emergency personnel	Prov
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Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection.

For emergency responders	Wear protective clothing as described in Section 8 of this safety data sheet. If necessary evacuate surrounding areas. Eliminate all sources of ignition. Avoid inhalation of vapours and contact with skin and eyes. Use non-sparking hand tools and explosion proof electrical equipment. Do not touch or walk through spilled material. Read and follow manufacturer's recommendations. Do not smoke, eat or drink while using this product. Follow safe handling advice and personal protective equipment recommendations for normal use of product.
6.2 Environmental precautions	
Environmental precautions	Prevent any material from entering drains or waterways.
6.3 Methods and material for containme	ent and cleaning up
Spill clean up methods	Prevent further leakage or spillage if safe to do so. Ventilate and evacuate the area. Eliminate all sources of ignition. Wear necessary protective equipment. Dam and absorb spillage using a spill kit, sand, earth or other non-combustible material. Prevent entry to into sewers, water course, basement or confined areas. Use non sparking tools or equipment. Recover by pumping or with suitable absorbent. Place spilled material into suitable labelled sealed containers. Remove waste promptly to a safe area.
6.4 Reference to other sections	
Reference to other sections	See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.
Section 7: Handling and storage	
7.1 Precautions for safe handling	
Handling	Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Wear suitable personal protective equipment, as detailed in Section 8. Keep away from heat, sparks and open flame. Formation of sparks and static electricity must be prevented. Earth all equipment. Use only non-sparking tools. Avoid contact with skin and eyes. Avoid inhalation of vapours. Do not use contact lenses. Avoid prolonged or repeated contact. Read and follow manufacturer's recommendations. Keep container tightly closed.
7.2 Conditions for safe storage, includin	ng any incompatibilities
Storage precautions Storage class	Store in tightly closed original container in a cool, dry and well-ventilated place. Keep upright, locked up and out of reach of children. Keep away from incompatible materials (see section 10). Protect against static discharge and keep away from sources of ignition. Flammable liquid storage.
7.3 Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

Usage description

The identified uses for this product are detailed in Section 1.2. Use only according to directions. Replace and tighten cap after use.

Section 8: Exposure controls/Personal protection

8.1 Control parameters

Component	STD	TWA (8 Hrs)	STEL (1	5mins)	Notes
titanium dioxide	OEL		10 mg/m ³			
titanium dioxide	OEL		4 mg/m^3			
pentaerythritol	OEL		10 mg/m ³		20 mg/m ³	
pentaerythritol	OEL		4 mg/m^3			
1-methoxypropan-2-ol	OEL	100 ppm	375 mg/m ³	150 ppm	568 mg/m ³	IOELV
propane-1,2-diol	OEL	150 ppm	470 mg/m ³			
propane-1,2-diol	OEL		10 mg/m ³			
Isopropoxyethanol	OEL	25 ppm	106 mg/m ³			Sk
Carbon black	OEL		3 (I) mg/m ³			

cyclohexanone	OEL	10 ppm	40.8 mg/m ³	20 ppm	81.6 mg/m ³	Sk, IOELV
N,N-diethylhydroxylamine	OEL	2 ppm				
Ethanol	OEL			1000 ppm		
Naphthalene	OEL	10 ppm	50 mg/m ³			IOELV

Ingredient comments

Ireland, Occupational Exposure Limits 2021.

8.2 Exposure Controls

<u>E Exposure controis</u>	
Protective equipment	
Engineering measures	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Where necessary use lighting and electrical equipment designed for use in atmospheres where flammable vapours are present.
Respiratory equipment	Where risk assessment shows air-purifying respirators are appropriate a full face respirator conforming to EN 143 should be used, and suitable respirator cartridges as a backup to engineering controls. The specific respirator selected must be based on contamination levels found in the work place. Use respiratory protection as specified by qualified professional if concentrations exceed the limits listed in Section 8. Use respiratory protective components with combined A/B/E/KP filter(s) for organic/inorganic/acid/ammonia and particulates. Consult manufacturer for specific advice.
Hand protection	 Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. Use chemical resistant gloves to minimize skin contact. Gloves must be inspected prior to use. Suggested material: Nitrile rubber. Break through time: 480 min. Layer thickness: 0.33 mm. Consult manufacturer for advice. Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Eye protection	Wear safety goggles to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).
Other protection	Protective clothing should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. The selected clothing must satisfy the European norm standard EN 943.
Hygiene measures	Observe normal hygiene standards. DO NOT SMOKE! Wash hands after use. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.
Process conditions	Ensure that eye flushing systems and safety showers are located close by in the work place.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Colour Odour	Viscous liquid. Navy Blue. Hydrocarbon, (slight).
Odour threshold - lower	No information available as testing has not been completed.
Odour threshold - upper	No information available as testing has not been completed.
pH-Value, Conc. Solution	Not applicable.
pH-Value, Diluted solution	Not applicable.
Melting point	May start to solidify at the following temperature: -15°C This is based on data for the following ingredient: Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, < 2% aromatics. Weighted average: -58.56°C
Initial boiling point and boiling range	>142°C

	Revision Date. 20 Junuary 2022 - Revision.	
Flash point	Closed cup 42°C	
Evaporation rate	Highest known value: 0.04 (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics) Weighted average: 0.03compared with butyl acetate	
Flammability state	Liquid.	
Flammability limit - lower(%)	Greatest known range: Lower: 0.6% (Hydrocarbons, C10-C13, nalkanes,isoalkanes, cyclics, < 2% aromatics)	
Flammability limit - upper(%)	Greatest known range: Upper: 7% (Hydrocarbons, C10-C13, nalkanes,isoalkanes, cyclics, < 2% aromatics)	
Vapour pressure	Highest known value: 0.1 to 0.3 kPa (0.8 to 2.3 mm Hg) (at 20°C) (Naphtha(petroleum), hydrotreated heavy). Weighted average: 0.16 kPa (1.2 mm Hg) (at 20°C)	
Vapour density (air=1)	Highest known value: 4.5 (Air = 1) (Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, 2% aromatics).	
Relative density	0.96 +/- 0.2	
Bulk density	No information available as testing has not been completed.	
Solubility	Insoluble in cold water	
Decomposition temperature	Stable under normal handling and storage conditions	
Partition coefficient; n- Octanol/Water	No information available as testing has not been completed.	
Auto ignition temperature (°C)	Lowest known value: >230°C (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics).	
Viscosity	Kinematic (40°C): >0.21 cm ² /s	
Explosive properties	Not classified as explosive.	
Oxidising properties	The product does not meet the criteria to be classified as oxidising.	
9.2 Other information		
Molecular weight	No information available.	
Volatile organic compound	287.00 g/litre	
Other information	Volume solids: 66.0% +/- 1.0%	
	Weight Solids: 66.0% +/- 1.0%	
Section 10: Stability and reactivity		
10.1 Reactivity		
Reactivity	Avoid contact with oxidising agents, strong alkalis, and strong acids.	
10.2 Chemical stability		
Stability	Stable under normal temperature conditions and recommended use.	
10.3 Possibility of hazardous reaction	<u>15</u>	
Hazardous reactions	For information on hazardous reaction see section 10.1.	

Hazardous reactions	For information on hazardous reaction see section 10.1.
Hazardous polymerisation	Unknown.
Polymerisation description	Unknown.

10.4 Conditions to Avoid

Conditions to avoid

Heat, sparks, open flames, temperature extremes and direct sunlight.

10.5 Incompatible materials

Materials to avoid

Avoid contact with oxidising agents, strong alkalis, and strong acids.

10.6 Hazardous decomposition products

Hazardous decomposition products Th

Thermal decomposition or combustion may liberate carbon oxides and other harmful gases or vapors.

Section 11: Toxicological information

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

Toxicological information	No toxicological information for the overall finished product.
Acute toxicity (Oral LD50) Acute toxicity (Dermal LD50) Acute toxicity (Inhalation LD50)	No information available as testing has not been completed. No information available as testing has not been completed. No information available as testing has not been completed.
Serious eye damage/irritation	May cause temporary eye irritation.
Skin corrosion/irritation	The product is not classified as a skin corrosion/irritation hazard.
Respiratory sensitisation Skin sensitisation	The product is not classified as a respiratory hazard. The product is not classified as a skin sensitisation hazard.
Germ cell mutagenicity	The product is not classified as a mutagen.
Carcinogenicity	The product is not classified as a carcinogen hazard.
Specific target organ toxicity - Sing STOT - Single exposure Specific target organ toxicity - Repo	The product is classified as a single exposure specific target organ toxin. eated exposure:
STOT - Repeated exposure	The product is not classified as a repeat exposure specific target organ toxin.
Inhalation	Exposure to product spray mists may be irritating to the respiratory system. Inhalation of vapours may cause headache, fatigue, dizziness and central nervous system effects.
Ingestion	vapours may cause headache, fatigue, dizziness and central nervous system effects. May cause discomfort if swallowed. May cause stomach pain or vomiting.
Ingestion Skin contact	vapours may cause headache, fatigue, dizziness and central nervous system effects. May cause discomfort if swallowed. May cause stomach pain or vomiting. Prolonged contact may cause redness, irritation and dry skin.
Ingestion	vapours may cause headache, fatigue, dizziness and central nervous system effects. May cause discomfort if swallowed. May cause stomach pain or vomiting.
Ingestion Skin contact Eye contact	 vapours may cause headache, fatigue, dizziness and central nervous system effects. May cause discomfort if swallowed. May cause stomach pain or vomiting. Prolonged contact may cause redness, irritation and dry skin. May cause temporary eye irritation. Contaminated packaging should be disposed of according to local authority guidelines. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not burn. When handling waste, consideration should be made to the safety precautions applying to

Name	LD50 oral	LD50 dermal	LD50 inhalation
1-methoxypropan-2-ol	=4016.00mg/kg Rat		=6500.00ppmV Rat 4 Hours
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	>5000.00mg/kg Rat >5000.00mg/kg Rat 5000.00mg/kg Rat	>5000.00mg/kg Rabbit >5000.00mg/kg Rabbit 5000.00mg/kg Rat	>6.10mg/l (vapours) Rat 4 Hours>6.10mg/l (vapours) Rat 4 Hours
2-ethylhexanoic acid, zirconium salt	>5.00g/kg Rat	>5.00g/kg Rabbit	
Isopropoxyethanol	5600.00mg/kg Rat	1440.00mg/kg Rabbit	
Ethanol	7060.00mg/kg Rat		124.70mg/l (vapours) Rat 4 Hours
Naphthalene	>2000.00mg/kg Rat	>2000.00mg/kg Rabbit	
N,N-diethylhydroxylamine	2190.00mg/kg Rat	1300.00mg/kg Rabbit	

11.2 Information on other hazards

Information on other hazards

None known.

Section 12: Ecological information

12.1 Toxicity		
Acute toxicity - Fish	No information available as testing has not been completed.	
5	s No information available as testing has not been completed.	
Acute toxicity - Aquatic plants	No information available as testing has not been completed.	
Acute toxicity - Microorganisms	No information available as testing has not been completed.	
Chronic toxicity - Fish	No information available as testing has not been completed.	
Chronic toxicity - Aquatic	No information available as testing has not been completed.	
invertebrates	Ŭ Î	
Chronic toxicity - Aquatic plants	No information available as testing has not been completed.	
Chronic toxicity - Microorganisms	No information available as testing has not been completed.	
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude	
·	the possibility that large or frequent spills can have a harmful or damaging effect on the environment.	
Eco toxilogical information	No ecological toxicity available on the overall finished product.	
12.2 Persistence and degradability		
Degradability	The degradability of the product has not been stated.	
Biological oxygen demand	No information available as testing has not been completed.	
Chemical oxygen demand	No information available as testing has not been completed.	
12.3 Bioaccumulative potential		
Bioaccumulative potential	No data available on bioaccumulation.	
Bioaccumulative potential Bioaccumulation factor	No information available as testing has not been completed.	
Partition coefficient; n-	No information available as testing has not been completed.	
Octanol/Water	To mornation available as testing has not been completed.	
12.4 Mahility in sail		
<u>12.4 Mobility in soil</u>		
Mobility	Soluble in water.	
12.5 Results of PRT and vPvR assessme	nt	

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment The product does not contain any PBT or vPvB Substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties The product does not contain any substances with endocrine disrupting properties at a concentration above or equal to 0.1%.

12.7 Other adverse effects

Other adverse eff	fects None known.		
Name	Acute toxicity (Fish)	Acute toxicity (Aquatic invertebrates)	Acute toxicity (Aquatic plants)
1-methoxypropan-2- ol	LC50 96 Hours =6812.00mg/l Leuciscus idus (Golden Orfe)	LC50 48 Hours =23000.00mg/l Daphnia magna	EC50 =1000.00mg/l Selenastrum Capricornutum
Hydrocarbons, C9- C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	LC50 96 Hours >100.00ppm Freshwater Fish LC50 96 Hours >100.00ppm Freshwater Fish LC50 96 Hours >1000.00mg/I Onchorhynchus mykiss (Rainbow Trout)	LC50 48 Hours >100.00ppm Daphnia magna LC50 48 Hours >100.00ppm Daphnia magna EC50 48 Hours >1000.00mg/l Daphnia magna	
Isopropoxyethanol		EC50 48 Hours 3610.00ppm Daphnia magna	
Ethanoi	LC50 96 Hours 100.00mg/l Pimephales promelas (Fat- head Minnow)		

Section 13: Disposal considerations

Waste management

Contaminated packaging should be disposed of according to local authority guidelines. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not burn. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1 Waste treatment methods

Disposal methods

Dispose of waste and residues in accordance with local authority requirements. For waste

disposal, use a licensed industrial waste disposal agent.

Section 14: Transport information	
<u>14.1 UN number or ID number</u>	
UN no. (ADR) UN no. (IMDG) UN no. (IATA)	UN1263 UN1263 UN1263
14.2 UN proper shipping name	
ADR proper shipping name IMDG proper shipping name IATA proper shipping name	PAINT or PAINT RELATED MATERIAL PAINT or PAINT RELATED MATERIAL PAINT
14.3 Transport hazard class(es)	
ADR class IMDG class IATA class	3 3 3
Transport labels	
14.4 Packing group	
ADR/RID/ADN packing group IMDG packing group IATA packing group	III III III
14.5 Environmental hazards	
ADR IMDG IATA	No No No
14.6 Special precautions for user	
EMS Emergency action code Hazard no. (ADR) Tunnel restriction code	F-E, S-E A3 A72 A192 30 (D/E)

$\underline{14.7\ Maritime\ transport\ in\ bulk\ according\ to\ IMO\ instruments}$

Not applicable.

Section 15: Regulatory information

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
Approved code of practice	2021 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2021) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001-2019)

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16: Other information	
General information	This Safety Data Sheet is in accordance with REACH Annex II, (EC) No 2020/878.
Revision comments	[1]Information updated. [2]Information updated. [3]Information updated. [4]Information updated. [8]Information updated. [9]Information updated. [10]Information updated.
	[11]Information updated. [12]Information updated. [15]Information updated. This is a second
	issue.
Revision date	20 January 2022
Revision	2
Safety data sheet status	Approved.
Hazard statements in full	
EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness

H304	May be fatal if swallowed and enters alrways.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child .
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H411	Toxic to aquatic life with long lasting effects.
H335	May cause respiratory irritation.
H225	Highly flammable liquid and vapour.
H351	Suspected of causing cancer .
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H360	May damage fertility or the unborn child .
H301	Toxic if swallowed.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs through prolonged or repeated exposure .
H412	Harmful to aquatic life with long lasting effects.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H330	Fatal if inhaled.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.