### SAFETY DATA SHEET TACKY SURFACE COATING

Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of the substance/mixture and of the company/undertaking			
1.1. Product identifier			
Product name	TACKY SURFACE COATING		
Product number	A4512, A4512E		
UFI	UFI: J8RV-C0RJ-J002-H6S8		
1.2. Relevant identified uses of	of the substance or mixture and uses advised against		
Identified uses	DUST CONTROLLER		
1.3. Details of the supplier of t	1.3. Details of the supplier of the safety data sheet		
Supplier	ORAPI APPLIED LIMITED, SPRING ROAD, SMETHWICK, WEST MIDLANDS, B66 1PT, ENGLAND Tel: 0121-525-4000 Fax: 0121-525-4919 lee.baughan@orapiapplied.com		
Contact person	Lee Baughan		
1.4. Emergency telephone number			
Emergency telephone	0121 525 4000 (09:00 - 17:00 hrs)		
SECTION 2: Hazards identific	ation		
2.1. Classification of the subst			
Classification (EC 1272/2008) Physical hazards	Not Classified		
Health hazards	Skin Sens. 1 - H317		
Environmental hazards	Not Classified		
Human health	May cause skin sensitisation or allergic reactions in sensitive individuals.		
2.2. Label elements			
Hazard pictograms			
Signal word	Warning		
Hazard statements	H317 May cause an allergic skin reaction.		
Precautionary statements	<ul> <li>P261 Avoid breathing vapour/ spray.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>		

UFI: J8RV-C0RJ-J002-H6S8

Contains 2-METHYL-2H-ISOTHIAZOL-ONE

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information	n on ingredients	
3.2. Mixtures		
1,2,3-PROPANE TRIOL		10-30%
CAS number: 56-81-5	EC number: 200-289-5	REACH registration number: 01- 2119471987-18-XXXX
Classification Not Classified		
2-METHYL-2H-ISOTHIAZOL-ONE		<0.1%
CAS number: 2682-20-4	EC number: 220-239-6	
M factor (Acute) = 10	M factor (Chronic) = 1	
Classification		
Acute Tox. 3 - H301		
Acute Tox. 3 - H311		
Acute Tox. 2 - H330		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Skin Sens. 1A - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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

#### 4.1. Description of first aid measures

General information	Show this Safety Data Sheet to the medical personnel.	
Inhalation	If throat irritation or coughing persists, proceed as follows. Get medical attention. Show this Safety Data Sheet to the medical personnel.	
Ingestion	Rinse mouth thoroughly with water. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Do not induce vomiting.	
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.	
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.	
4.2. Most important symptoms and effects, both acute and delayed		
Inhalation	No specific symptoms known.	
Ingestion	May cause discomfort if swallowed.	

Skin contact	No specific symptoms known.		
Eye contact	Visual disturbances, including blurred vision.		
	4.3. Indication of any immediate medical attention and special treatment needed		
Notes for the doctor	No specific recommendations.		
SECTION 5: Firefighting meas	sures		
5.1. Extinguishing media			
Suitable extinguishing media	The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.		
5.2. Special hazards arising fro	om the substance or mixture		
Specific hazards	The product is not flammable.		
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.		
5.3. Advice for firefighters			
Protective actions during firefighting	No specific firefighting precautions known.		
Special protective equipment for firefighters	None.		
SECTION 6: Accidental release	e measures		
6.1. Personal precautions, pro	tective equipment and emergency procedures		
Personal precautions	Avoid contact with skin and eyes.		
6.2. Environmental precaution	<u>s</u>		
Environmental precautions	Avoid discharge to the aquatic environment.		
6.3. Methods and material for	containment and cleaning up		
Methods for cleaning up	Absorb spillage with non-combustible, absorbent material. Flush contaminated area with		
0.1	plenty of water. Contain spillage with sand, earth or other suitable non-combustible material.		
6.4. Reference to other section			
6.4. Reference to other section	ns For personal protection, see Section 8.		
6.4. Reference to other section Reference to other sections	ns For personal protection, see Section 8. rage		
6.4. Reference to other section Reference to other sections SECTION 7: Handling and sto	ns For personal protection, see Section 8. rage		
6.4. Reference to other section Reference to other sections SECTION 7: Handling and sto 7.1. Precautions for safe hand Usage precautions	ns For personal protection, see Section 8. rage ling Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Avoid		
6.4. Reference to other section Reference to other sections SECTION 7: Handling and sto 7.1. Precautions for safe hand Usage precautions	ns For personal protection, see Section 8. rage ling Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Avoid spilling. Avoid freezing.		
6.4. Reference to other section Reference to other sections SECTION 7: Handling and sto 7.1. Precautions for safe hand Usage precautions 7.2. Conditions for safe storag	For personal protection, see Section 8.		
6.4. Reference to other section Reference to other sections SECTION 7: Handling and sto 7.1. Precautions for safe hand Usage precautions 7.2. Conditions for safe storag Storage precautions	For personal protection, see Section 8.          rage         ling         Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Avoid spilling. Avoid freezing.         e, including any incompatibilities         Protect from freezing and direct sunlight.		
6.4. Reference to other section Reference to other sections SECTION 7: Handling and sto 7.1. Precautions for safe hand Usage precautions 7.2. Conditions for safe storag Storage precautions Storage class	For personal protection, see Section 8.           rage           lling           Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Avoid spilling. Avoid freezing.           e, including any incompatibilities           Protect from freezing and direct sunlight.		
6.4. Reference to other section Reference to other sections SECTION 7: Handling and sto 7.1. Precautions for safe hand Usage precautions 7.2. Conditions for safe storag Storage precautions Storage class 7.3. Specific end use(s)	For personal protection, see Section 8.		
6.4. Reference to other section Reference to other sections SECTION 7: Handling and sto 7.1. Precautions for safe hand Usage precautions 7.2. Conditions for safe storag Storage precautions Storage class 7.3. Specific end use(s) Specific end use(s)	For personal protection, see Section 8.		

### 1,2,3-PROPANE TRIOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> mist WEL = Workplace Exposure Limit.

### 1,2,3-PROPANE TRIOL (CAS: 56-81-5)

DNEL	Workers - Inhalation; Long term local effects: 56 mg/m <sup>3</sup> General population - Inhalation; Long term local effects: 33 mg/m <sup>3</sup>
PNEC	<ul> <li>Fresh water; 0.885 mg/l</li> <li>Intermittent release; 8.85 mg/l</li> <li>marine water; 0.0885 mg/l</li> <li>STP; 1000 mg/l</li> <li>Sediment (Freshwater); 3.3 mg/kg</li> <li>Sediment (Marinewater); 0.33 mg/kg</li> <li>Soil; 0.141 mg/kg</li> </ul>
	SODIUM BENZOATE (CAS: 532-32-1)
DNEL	Workers - Inhalation; Long term systemic effects: 3 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 0.1 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 62.5 mg/kg/day General population - Inhalation; Long term systemic effects: 1.5 mg/m <sup>3</sup> General population - Inhalation; Long term local effects: 0.6 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 31.25 mg/kg/day General population - Oral; Long term systemic effects: 16.6 mg/kg/day
PNEC	<ul> <li>Fresh water; 0.13 mg/l</li> <li>Fresh water, Intermittent release; 305 µg/l</li> <li>marine water; 0.013 mg/l</li> <li>STP; 10 mg/l</li> <li>Sediment (Freshwater); 1.76 mg/kg</li> <li>Sediment (Marinewater); 0.176 mg/l</li> <li>Soil; 0.276 mg/kg</li> </ul>
TETRA	SODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)
DNEL	Workers - Inhalation; Long term local effects: 1.5 mg/m <sup>3</sup> Workers - Inhalation; Short term local effects: 3 mg/m <sup>3</sup> General population - Inhalation; Long term local effects: 0.6 mg/m <sup>3</sup> General population - Inhalation; Short term local effects: 1.2 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 25 mg/kg/day
PNEC	<ul> <li>Fresh water; 2.2 mg/l</li> <li>marine water; 0.22 mg/l</li> <li>Fresh water, Intermittent release; 1.2 mg/l</li> <li>STP; 43 mg/l</li> <li>Soil; 0.72 mg/kg</li> </ul>
	SODIUM CHLORIDE (CAS: 7647-14-5)

DNEL	Workers - Inhalation; Long term systemic effects: 2068.62 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects: 2068.62 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 295.52 mg/kg/day Workers - Dermal; Short term systemic effects: 295.52 mg/kg/day General population - Inhalation; Long term systemic effects: 443.28 mg/m <sup>3</sup> General population - Inhalation; Short term systemic effects: 443.28 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 126.65 mg/kg/day General population - Dermal; Short term systemic effects: 126.65 mg/kg/day General population - Oral; Short term systemic effects: 126.65 mg/kg/day General population - Oral; Short term systemic effects: 126.65 mg/kg/day
PNEC	Fresh water; 5 mg/l STP; 500 mg/l Soil; 4.86 mg/kg
	1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)
DNEL	Workers - Inhalation; Long term systemic effects: 6.81 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 0.966 mg/kg/day General population - Inhalation; Long term systemic effects: 1.2 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 0.345 mg/kg/day
PNEC	<ul> <li>Fresh water; 4.03 μg/l</li> <li>Fresh water, Intermittent release; 1.1 μg/l</li> <li>marine water; 0.403 μg/l</li> <li>marine water, Intermittent release; 110 ng/l</li> <li>STP; 1.03 mg/l</li> <li>Sediment (Freshwater); 49.9 μg/kg</li> <li>Sediment (Marinewater); 4.99 μg/kg</li> <li>Soil; 3 mg/kg</li> </ul>
	POLYETHYLENE GLYCOL (CAS: 25322-68-3)
DNEL	Workers - Inhalation; Long term systemic effects: 0.418 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 0.237 mg/kg/day General population - Inhalation; Long term systemic effects: 0.103 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 0.119 mg/kg/day General population - Oral; Long term systemic effects: 0.059 mg/kg/day
PNEC	<ul> <li>Fresh water; 0.188 mg/l</li> <li>marine water; 0.019 mg/l</li> <li>Intermittent release; 0.188 mg/l</li> <li>STP; 72.92 mg/l</li> <li>Sediment (Freshwater); 188 mg/kg</li> <li>Sediment (Marinewater); 188 mg/kg</li> <li>Soil; 52.264 mg/kg</li> </ul>

LINALOOL (CAS: 78-70-6)

DNEL	<ul> <li>Workers - Inhalation; Long term systemic effects: 2.8 mg/m<sup>3</sup></li> <li>Workers - Inhalation; Short term systemic effects: 16.5 mg/m<sup>3</sup></li> <li>Workers - Dermal; Long term systemic effects: 2.5 mg/kg/day</li> <li>Workers - Dermal; Short term systemic effects: 5 mg/kg/day</li> <li>Workers - Dermal; Long term local effects: 3 mg/cm<sup>2</sup></li> <li>Workers - Dermal; Short term local effects: 3 mg/cm<sup>2</sup></li> <li>General population - Inhalation; Long term systemic effects: 0.7 mg/m<sup>3</sup></li> <li>General population - Inhalation; Short term systemic effects: 4.1 mg/m<sup>3</sup></li> <li>General population - Dermal; Long term systemic effects: 1.25 mg/kg/day</li> <li>General population - Dermal; Short term systemic effects: 2.5 mg/kg/day</li> <li>General population - Dermal; Short term systemic effects: 1.5 mg/cm<sup>2</sup></li> <li>General population - Dermal; Short term local effects: 1.5 mg/cm<sup>2</sup></li> <li>General population - Dermal; Short term local effects: 1.5 mg/cm<sup>2</sup></li> <li>General population - Dermal; Short term systemic effects: 1.5 mg/cm<sup>2</sup></li> <li>General population - Dermal; Short term systemic effects: 1.2 mg/kg/day</li> <li>General population - Dermal; Short term local effects: 1.2 mg/kg/day</li> <li>General population - Dermal; Short term systemic effects: 1.2 mg/kg/day</li> <li>General population - Oral; Long term systemic effects: 1.2 mg/kg/day</li> </ul>
PNEC	<ul> <li>Fresh water; 0.2 mg/l</li> <li>Intermittent release, Fresh water; 2 mg/l</li> <li>marine water; 0.02 mg/l</li> <li>STP; 10 mg/l</li> <li>Sediment (Freshwater); 2.22 mg/kg</li> <li>Sediment (Marinewater); 0.222 mg/kg</li> <li>Soil; 0.327 mg/kg</li> </ul>
	GERANIOL (CAS: 106-24-1)
DNEL	Workers - Inhalation; Long term systemic effects: 161.6 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 12.5 mg/kg/day Workers - Dermal; Long term local effects: 11800 µg/cm <sup>2</sup> General population - Inhalation; Long term systemic effects: 47.8 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 7.5 mg/kg/day General population - Dermal; Long term local effects: 11800 µg/cm <sup>2</sup> General population - Orral; Long term systemic effects: 13.75 mg/kg/day
PNEC	<ul> <li>Fresh water; 0.011 mg/l</li> <li>marine water; 0.001 mg/l</li> <li>Intermittent release; 0.108 mg/l</li> <li>STP; 0.7 mg/l</li> <li>Sediment (Freshwater); 0.115 mg/kg</li> <li>Sediment (Marinewater); 0.011 mg/kg</li> <li>Soil; 0.017 mg/kg</li> </ul>
8.2. Exposure controls	
Protective equipment	



# Appropriate engineering controls

Eye/face protection

All handling should only take place in well-ventilated areas.

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.		
Hygiene measures	Wash at the end of each work shift and before eating, smoking and using the toilet.		
Respiratory protection	Respiratory protection not required.		
SECTION 9: Physical and che	emical properties		
9.1. Information on basic phys	ical and chemical properties		
Appearance	Clear liquid. Liquid.		
Colour	Light (or pale). Yellow.		
Odour	Pine		
рН	pH (concentrated solution): 10		
Initial boiling point and range	100°C @ 760mmHg		
Relative density	1.00 @ 20°C		
Solubility(ies)	Miscible with water.		
9.2. Other information			
Other information	None.		
SECTION 10: Stability and rea	activity		
10.1. Reactivity			
Reactivity	There are no known reactivity hazards associated with this product.		
10.2. Chemical stability			
Stability	No particular stability concerns.		
10.3. Possibility of hazardous	reactions		
Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.		
10.4. Conditions to avoid			
Conditions to avoid	Not known.		
10.5. Incompatible materials			
Materials to avoid	Strong oxidising agents. Strong acids.		
10.6. Hazardous decomposition	10.6. Hazardous decomposition products		
Hazardous decomposition products	Heating may generate the following products: Oxides of carbon.		
SECTION 11: Toxicological information			
11.1. Information on toxicolog	ical effects		
Toxicological effects	No information available.		
Inhalation	No specific health hazards known.		
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.		

Skin contact May cause skin sensitisation or allergic reactions in sensitive individuals.

**Eye contact** May cause temporary eye irritation.

### Toxicological information on ingredients.

### 1,2,3-PROPANE TRIOL

Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	12,600.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD₅ mg/kg)	10,000.0
Species	Rabbit
Acute toxicity - inhalation	
Acute toxicity inhalation (LC₅₀ vapours mg/l)	0.57
Species	Rat
ATE inhalation (vapours mg/l)	0.57
	SODIUM CARBOXYMETHYL CELLULOSE
Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	27,000.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD₅ mg/kg)	2,000.0
Species	Rabbit
Acute toxicity - inhalation	
Acute toxicity inhalation (LC∞ vapours mg/l)	5,800.0
Species	Rat
ATE inhalation (vapours mg/l)	5,800.0
	ALCOHOL ETHOXYLATE
Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	2,000.0

Species Rat

### SODIUM BENZOATE

Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	2,000.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD₅ mg/kg)	2,000.0
Species	Rabbit
	TETRASODIUM ETHYLENE DIAMINE TETRAACETATE
Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	1,780.0
Species	Rat
ATE oral (mg/kg)	1,780.0
Acute toxicity - inhalation	
Acute toxicity inhalation (LC₅ gases ppmV)	4,500.0
Species	Rat
Acute toxicity inhalation (LC₅₀ vapours mg/l)	11.0
Species	Rat
Acute toxicity inhalation (LC₅₀ dust/mist mg/l)	1.5
Species	Rat
ATE inhalation (dusts/mists mg/l)	1.5
	SODIUM CHLORIDE
Acute toxicity - dermal	
Notes (dermal LD₅₀)	LD₅₀ >10,000 mg/kg, Dermal, Rat
Acute toxicity - inhalation	
Notes (inhalation LC₅₀)	>42 mg/l, Inhalation, Rat
	2-METHYL-2H-ISOTHIAZOL-ONE
Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	120.0
Species	Rat

	ATE oral (mg/kg)	120.0	
	Acute toxicity - dermal		
	Acute toxicity dermal (LD₅₀ mg/kg)	242.0	
	Species	Rat	
	ATE dermal (mg/kg)	242.0	
	Acute toxicity - inhalation		
	Acute toxicity inhalation (LC₅₀ dust/mist mg/l)	0.34	
	Species	Rat	
	ATE inhalation (dusts/mists mg/l)	0.34	
		<u>1,2-BEN</u>	NZISOTHIAZOL-3(2H)-ONE
	Acute toxicity - oral		
	ATE oral (mg/kg)	500.0	
			COUMARIN
	Acute toxicity - oral		
	Acute toxicity oral (LD₅₀ mg/kg)	293.0	
	Species	Rat	
	ATE oral (mg/kg)	500.0	
	Acute toxicity - dermal		
	Acute toxicity dermal (LD₅₀ mg/kg)	293.0	
	Species	Rat	
	Carcinogenicity		
	IARC carcinogenicity	IARC Group 3 N	ot classifiable as to its carcinogenicity to humans.
SECTION 12	2: Ecological information		
Ecotoxicity	Not rega	ded as dangerous	for the environment.
12.1. Toxicit	<u>y</u>		
Toxicity	Not cons	idered toxic to fish.	
Ecological in	formation on ingredients.		
		<u>1,</u>	2,3-PROPANE TRIOL
	Acute aquatic toxicity		
	Acute toxicity - fish	LC50, 96 hours: 5	4000 mg/l, Oncorhynchus mykiss (Rainbow trout)
	Acute toxicity - aquatic	EC₅₀, 48 hours: >	10000 mg/l, Daphnia magna

invertebrates

### SODIUM CARBOXYMETHYL CELLULOSE

Acute aquatic toxicity	
Acute toxicity - fish	LC50, 96 hours: > 21000 mg/l, Oncorhynchus mykiss (Rainbow trout)
	ALCOHOL ETHOXYLATE
Acute aquatic toxicity	
Acute toxicity - fish	LC50, 96 hours: 1-10 mg/l, Freshwater fish
	SODIUM BENZOATE
Acute aquatic toxicity	
Acute toxicity - fish	LC50, 96 hours: > 10 mg/l, Freshwater fish
	TETRASODIUM ETHYLENE DIAMINE TETRAACETATE
Acute aquatic toxicity	
Acute toxicity - fish	LC50, 96 hours: > 100 mg/l, Lepomis macrochirus (Bluegill)
Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: > 100 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC₅₀, 72 hours: > 100 mg/l,
	SODIUM CHLORIDE
Acute aquatic toxicity	
Acute toxicity - fish	LC₅₀, 96 hours: 6750 mg/l, Fish LC₅₀, 96 hours: 5840 mg/l, Lepomis macrochirus (Bluegill)
Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 2024 - 4136 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC₅₀, 72 hours: 3014 mg/l, Algae
Acute toxicity - microorganisms	$IC_{50}$ , : >1,000 mg/l, Activated sludge
	2-METHYL-2H-ISOTHIAZOL-ONE
Acute aquatic toxicity	
LE(C)50	0.01 < L(E)C50 ≤ 0.1
M factor (Acute)	10
Chronic aquatic toxicity	
M factor (Chronic)	1
	1,2-BENZISOTHIAZOL-3(2H)-ONE
Acute aquatic toxicity	
LE(C)50	$0.01 < L(E)C50 \le 0.1$
M factor (Acute)	10

### d-LIMONENE

	Acute aquatic to	xicity			
	LE(C)₅₀		$0.1 < L(E)C50 \le 1$		
	M factor (Acute)		1		
	Acute toxicity - fish		LC50, 96 hours: 35 mg/l, Oncorhynchus mykiss (Rainbow trout)		
	Chronic aquatic toxicity				
	M factor (Chroni	c)	1		
			DIPHENYL METHANE		
Acute aquatic toxicity					
	LE(C)50		$0.1 < L(E)C50 \le 1$		
	M factor (Acute)		1		
	Chronic aquatic	toxicity			
	NOEC		0.01 < NOEC ≤ 0.1		
	Degradability		Non-rapidly degradable		
	M factor (Chroni	c)	1		
12.2. Persis	stence and degrad	lability			
Persistence	e and degradability	There ar	e no data on the degradability of this product.		
12.3. Bioac	cumulative potenti	al			
Bioaccumulative potential No data		No data	available on bioaccumulation.		
12.4. Mobil	ity in soil				
Mobility		The proc	duct is soluble in water.		
12.5. Results of PBT and vPvB assessment					
Results of I assessmen	PBT and vPvB	This pro	duct does not contain any substances classified as PBT or vPvB.		
12.6. Other adverse effects         Other adverse effects         None k		None kn	own.		
SECTION '	13: Disposal consid	derations			
	e treatment metho				
Disposal m	ethods	 Dispose	of waste to licensed waste disposal site in accordance with the requirements of the		
			iste Disposal Authority.		
SECTION '	14: Transport infor	mation			
General			duct is not covered by international regulations on the transport of dangerous goods ATA, ADR/RID).		
<u>14.1. UN n</u>	umber				
Not applica	ıble.				

Not applicable.

14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

#### SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture				
National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].			
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). 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 (as amended).			
Guidance	Workplace Exposure Limits EH40.			

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	<ul> <li>ATE: Acute Toxicity Estimate.</li> <li>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</li> <li>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</li> <li>CAS: Chemical Abstracts Service.</li> <li>DNEL: Derived No Effect Level.</li> <li>GHS: Globally Harmonized System.</li> <li>IATA: International Air Transport Association.</li> <li>ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</li> <li>IMDG: International Maritime Dangerous Goods.</li> <li>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</li> <li>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</li> <li>PBT: Persistent, Bioaccumulative and Toxic substance.</li> <li>PNEC: Predicted No Effect Concentration.</li> <li>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.</li> <li>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</li> <li>SVHC: Substances of Very High Concern.</li> <li>vPvB: Very Persistent and Very Bioaccumulative.</li> <li>cATPE: Converted Acute Toxicity Point Estimate.</li> <li>EC<sub>56</sub>: 50% of maximal Effect usent.</li> <li>UN: United Nations.</li> <li>IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).</li> </ul>
Classification procedures according to Regulation (EC) 1272/2008	Not classified for health hazards.: Calculation method. Not classified for environmental hazards.: Calculation method. Not classified for physical hazards.: Expert judgement.
Revision date	09/11/2020
Revision	9
Supersedes date	02/10/2019
SDS status	Approved.
Hazard statements in full	<ul> <li>H301 Toxic if swallowed.</li> <li>H311 Toxic in contact with skin.</li> <li>H314 Causes severe skin burns and eye damage.</li> <li>H317 May cause an allergic skin reaction.</li> <li>H318 Causes serious eye damage.</li> <li>H330 Fatal if inhaled.</li> <li>H400 Very toxic to aquatic life.</li> <li>H410 Very toxic to aquatic life with long lasting effects.</li> </ul>
Signature	Health and Safety Manager

Signature

Health and Safety Manager

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