

ULTRIMAX POLYURETHANE HIGH BUILD PRIMER

HEALTH AND SAFETY DATA SHEET

COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

Date of compilation: 22/02/2017


Revised Date: 02/02/2024

Version: 17

1. PRODUCT AND COMPANY IDENTIFICATION

1.1	Product Code	Polyurethane High Build White Primer UMX073
	Other means of identification	WO3001-5 - 5L WO3001-25 - 25Kg
1.2	Relevant identified uses of the substance or mixture and uses advised against	Relevant uses: Coatings for wood. For Industrial use only. Uses advised against: All uses not specified in this section or in section 7.3
1.3	Name, Address, Telephone Number of the chemical manufacturer	Ultrimax Coatings Ltd Shaw Lane Industrial Estate, Ogden Road, Doncaster, DN2 4SE 01302 856666
1.4	Emergency phone number	01302 856666

2. HAZARD(S) IDENTIFICATION

2.1	Classification of the substance or mixture	<p>Classification of this product has been carried out in accordance with CLP Regulation(EC) No 1272/2008.</p> <p>Eye Irrit. 2: Eye irritation, Category 2, H319 Flam. Liq. 2: Flammableliquids, Category 2, H225 Skin Irrit. 2: Skin irritation, Category 2, H315 STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category2, H373 STOT SE 3: Respiratory tract toxicity, single exposure, Category3, H335</p>
	CLP Regulation (EC) No 1272/2008	
2.2	Label elements	<p>Danger</p> 
	CLP Regulation (EV) No 1272/2008	
	Hazard statements	<p>Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Skin Irrit. 2: H315 - Causes skin irritation. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure. STOT SE 3: H335 - May cause respiratory irritation.</p>
Precautionary statements	<p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.Remove contact lenses,if present and easy to do. Continuerinsing. P370+P378: In case of fire: Use Foam extinguisher (AB), Dry ChemicalPowder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC) to extinguish. P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.</p>	

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2.2	Supplementary information	EUH208: Contains Amide wax. May produce an allergic reaction.
	Substances that contribute to the classification	Reaction mass of ethylbenzene and xylene
	UFI	9M00-F03V-200R-FH33
2.3	Other hazards	Product does not meet PBT/vPvB criteria Endocrine-disrupting properties: The product does not meet the criteria.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Substances	Not applicable (N/A)		
	Mixtures	Mixture composed of additives, aggregates and resins in solvents		
	Chemical description	In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:		
3.2	Components	Identification	Chemical name/Classification	Concentration
		CAS: Non-applicable EC: 905-588-0 Index: Non-applicable REACH: 01-2119488216-32-XXXX	Reaction mass of ethylbenzene and xylene ⁽¹⁾ Self-Classified	10-<25%
		Regulation 1272/2008	Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	
		CAS: 141-78-6 EC: 205-500-4 Index: 607-022-00-5 REACH: 01-2119475103-46-XXXX	Ethyl acetate ⁽¹⁾ ATP CLP00	2.5-<5%
		Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger	
		CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate ⁽¹⁾ Self-Classified	1-<2.5%
		Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336 - Warning	
CAS: 78-93-3 EC: 201-159-0 Index: 606-002-00-3 REACH: 01-2119457290-43-XXXX	Butanone ⁽¹⁾ ATP CLP00	1-<2.5%		
Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger			
CAS: 123-86-4 EC: 204-658-1 Index: 607-025-00-1 REACH: 01-2119485493-29-XXXX	N-butyl acetate ⁽¹⁾ ATP CLP00	1-<2.5%		
Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning			

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3.2	Components	Identification	Chemical name/Classification	Concentration
		CAS: Non-applicable EC: 905-588-0 Index: Non-applicable REACH: 01-2119539452-40-XXXX	Reaction mass of ethylbenzene and xylene ⁽²⁾ Self-Classified	
	Regulation 1272/2008	Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger		
	CAS: Non-applicable EC: 434-430-9 Index: Non-applicable REACH: 01-0000018057-71-XXXX	Amide wax ⁽¹⁾ Self-Classified		
	Regulation 1272/2008	Aquatic Chronic 4: H413; Skin Sens. 1B: H317; STOT RE 2: H373 - Warning		
	CAS: 108-88-3 EC: 203-625-9 Index: 601-021-00-3 REACH: 01-2119471310-51-XXXX	Toluene ⁽²⁾ ATP CLP00		
	Regulation 1272/2008	Asp. Tox. 1: H304; Flam. Liq. 2: H225; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336 - Danger		
	CAS: Non-applicable EC: 939-607-9 Index: Non-applicable REACH: 01-2119977130-42-XXXX	Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethyl dimethyl, ethyl sulphates ⁽¹⁾ Self-Classified		
	Regulation 1272/2008	Acute Tox. 3: H311; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1B: H314 - Danger		
	CAS: 7664-38-2 EC: 231-633-2 Index: 015-011-00-6 REACH: 01-2119485924-24-XXXX	Phosphoric acid ⁽²⁾ ATP CLP00		
	Regulation 1272/2008	Skin Corr. 1B: H314 - Danger		
	CAS: 98-82-8 EC: 202-704-5 Index: 601-024-00-X REACH: 01-2119473983-24-XXXX	Cumene ⁽²⁾ ATP ATP18		
	Regulation 1272/2008	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Carc. 1B: H350; Flam. Liq. 3: H226; STOT SE 3: H335 - Danger		
⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878 ⁽²⁾ Substance with a Union workplace exposure limit				

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3.2	Other information	Identification		M-factor			
		Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethylidimethyl, ethyl sulphates CAS: Non-applicable EC: 939-607-9		Acute	10		
				Chronic	1		
		Identification		Specific concentration limit			
		Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0		% (w/w) >=10: STOT RE 2 - H373			
		Phosphoric acid CAS: 7664-38-2 EC: 231-633-2		% (w/w) >=25: Skin Corr. 1B - H314 10<= % (w/w) <25: Skin Irrit. 2 - H315 % (w/w) >=25: Eye Dam. 1 - H318 10<= % (w/w) <25: Eye Irrit. 2 - H319			
Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:							
Identification		Acute Toxicity		Genus			
Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0		LD50 oral	Not Relevant				
		LD50 dermal	1100mg/kg	Rat			
		LC50 inhalation	Not Relevant				

4. FIRST AID MEASURES

4.1	Description of first aid measures	The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.
	By inhalation	Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.
	By skin contact	Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.
	By eye contact	Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.
	By ingestion/aspiration	Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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4.2	Most important symptoms and effects, both acute and delayed	Acute and delayed effect are indicated in sections 2 and 11.
4.3	Indication of any immediate medical attention and special treatment needed	Not Relevant

5. FIREFIGHTING MEASURES

5.1	Extinguishing media	Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)
	Suitable extinguishing media	
	Unsuitable extinguishing media	Water Jet
5.2	Special hazards arising from the substance or mixture	As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.
5.3	Advice for firefighters	Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.
	Additional provisions	Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6. ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spill product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.
	For Non-emergency personnel	
	For emergency responders	Wear protective equipment. Keep unprotected persons away. See section 8.

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6.2	Environmental precautions	It is recommended to avoid environmental spillage of both the product and its container.
6.3	Methods and material for containment and cleaning up	It is recommended: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.
6.4	Reference to other sections	See sections 8 and 13.

7. HANDLING AND STORAGE

7.1	Precautions for safe handling	A General Precautions for safe use Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods(section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.
		B Technical recommendations for the prevention of fires and explosions Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition(mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existenceof dangerous atmospheres inside containers, applying inertization systemswhere possible. Transfer at a slow speed to avoid the creationof electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothingand conductive footwear. Comply with the essential security requirementsfor equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimumrequirements for protecting the security and health of workers under the selectioncriteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.
	Precautions for safe handling	C Technical recommendations on general occupational hygiene Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.
		D Technical recommendations to prevent environmental risks It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)
7.2	Conditions for safe storage, including any incompatibilities	A Technical measures for storage Minimum Temp: 5°C Maximum Temp: 35°C
		B General conditions for storage Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5.
7.3	Specific end use(s)	Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control Parameters	Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation): Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:						
		Identification		Occupational exposure limits				
		Ethyl acetate CAS: 141-78-6 EC: 205-500-4		IOELV (8h)	200 ppm	734 mg/m ³		
				IOELV (STEL)	400 ppm	1468 mg/m ³		
		Phosphoric acid CAS: 7664-38-2 EC: 231-633-2		IOELV (8h)		1 mg/m ³		
				IOELV (STEL)		2 mg/m ³		
		2-methoxy-1-methylethyl acetate ⁽¹⁾ CAS: 108-65-6 EC: 203-603-9		IOELV (8h)	50 ppm	275 mg/m ³		
				IOELV (STEL)	100 ppm	550 mg/m ³		
		Cumene ⁽¹⁾ CAS: 98-82-8 EC: 202-704-5		IOELV (8h)	10 ppm	50 mg/m ³		
				IOELV (STEL)	50 ppm	250 mg/m ³		
Toluene ⁽¹⁾ CAS: 108-88-3 EC: 203-625-9		IOELV (8h)	50 ppm	192 mg/m ³				
		IOELV (STEL)	100 ppm	384 mg/m ³				
Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0		IOELV (8h)	50 ppm	221 mg/m ³				
		IOELV (STEL)	100 ppm	442 mg/m ³				
N-butyl acetate CAS: 123-86-4 EC: 204-658-1		IOELV (8h)	50 ppm	241 mg/m ³				
		IOELV (STEL)	150 ppm	723 mg/m ³				
Butanone CAS: 78-93-3 EC: 201-159-0		IOELV (8h)	200 ppm	600 mg/m ³				
		IOELV (STEL)	300 ppm	900 mg/m ³				
⁽¹⁾ Likely absorption through the Skin								
	DNEL (Workers)	Identification		Short exposure		Long exposure		
				Systemic	Local	Systemic	Local	
		Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
			Dermal	Not relevant	Not relevant	212 mg/kg	Not relevant	
			Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³	
		Ethyl acetate CAS: 141-78-6 EC: 205-500-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
			Dermal	Not relevant	Not relevant	63 mg/kg	Not relevant	
			Inhalation	1468 mg/m ³	1468 mg/m ³	734 mg/m ³	734 mg/m ³	
		2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
			Dermal	Not relevant	Not relevant	796 mg/kg	Not relevant	
			Inhalation	Not relevant	550 mg/m ³	275 mg/m ³	Not relevant	
		Butanone CAS: 78-93-3 EC: 201-159-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant	
			Dermal	Not relevant	Not relevant	1161 mg/kg	Not relevant	
			Inhalation	Not relevant	Not relevant	600 mg/m ³	Not relevant	

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	Identification	Short exposure		Long exposure					
		Systemic	Local	Systemic	Local				
8.1	DNEL (Workers)	N-butyl acetate CAS: 123-86-4 EC: 204-658-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant		
			Dermal	11 mg/kg	Not relevant	11 mg/kg	Not relevant		
			Inhalation	600 mg/m ³	600 mg/m ³	300 mg/m ³	300 mg/m ³		
		Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant		
			Dermal	Not relevant	Not relevant	212 mg/kg	Not relevant		
			Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³		
		Amide wax CAS: Non-applicable EC: 434-430-9	Oral	Not relevant	Not relevant	Not relevant	Not relevant		
			Dermal	Not relevant	Not relevant	46,7 mg/kg	Not relevant		
			Inhalation	Not relevant	Not relevant	Not relevant	0,156 mg/m ³		
		Toluene CAS: 108-88-3 EC: 203-625-9	Oral	Not relevant	Not relevant	Not relevant	Not relevant		
			Dermal	Not relevant	Not relevant	384 mg/kg	Not relevant		
			Inhalation	384 mg/m ³	384 mg/m ³	192 mg/m ³	192 mg/m ³		
		Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethyldimethyl, ethyl sulphates CAS: Non-applicable EC: 939-607-9	Oral	Not relevant	Not relevant	Not relevant	Not relevant		
			Dermal	Not relevant	Not relevant	4,7 mg/kg	Not relevant		
			Inhalation	Not relevant	Not relevant	3,32 mg/m ³	Not relevant		
		Phosphoric acid CAS: 7664-38-2 EC: 231-633-2	Oral	Not relevant	Not relevant	Not relevant	Not relevant		
			Dermal	Not relevant	Not relevant	Not relevant	Not relevant		
			Inhalation	Not relevant	2 mg/m ³	10,7 mg/m ³	1 mg/m ³		
		Cumene CAS: 98-82-8 EC: 202-704-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant		
			Dermal	Not relevant	Not relevant	15,4 mg/kg	Not relevant		
			Inhalation	Not relevant	250 mg/m ³	100 mg/m ³	Not relevant		
		8.1	DNEL (General population)	Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	Oral	Not relevant	Not relevant	12.5mg/kg	Not relevant
					Dermal	Not relevant	Not relevant	125mg/kg	Not relevant
					Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m ³	65,3 mg/m ³
Ethyl acetate CAS: 141-78-6 EC: 205-500-4	Oral			Not relevant	Not relevant	4.5mg/kg	Not relevant		
	Dermal			Not relevant	Not relevant	37mg/kg	Not relevant		
	Inhalation			734mg/m ³	734mg/m ³	367mg/m ³	367mg/m ³		

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Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	Oral	Not relevant	Not relevant	36mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	320mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	33mg/m ³	33mg/m ³
Butanone CAS: 78-93-3 EC: 201-159-0	Oral	Not relevant	Not relevant	31mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	412mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	106mg/m ³	Not relevant
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	Oral	2mg/kg	Not relevant	2mg/kg	Not relevant
	Dermal	6mg/kg	Not relevant	6mg/kg	Not relevant
	Inhalation	300mg/m ³	300mg/m ³	35.7mg/m ³	35.7mg/m ³
Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	Oral	Not relevant	Not relevant	12.5mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	125mg/kg	Not relevant
	Inhalation	260mg/m ³	260mg/m ³	65.3mg/m ³	65.3mg/m ³
Amide wax CAS: Non-applicable EC: 434-430-9	Oral	Not relevant	Not relevant	1.67mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	16.7mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	0.038 mg/m ³
Toluene CAS: 108-88-3 EC: 203-625-9	Oral	Not relevant	Not relevant	8.13mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	226mg/kg	Not relevant
	Inhalation	226mg/m ³	226mg/m ³	56.5mg/m ³	56.5mg/m ³
Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethyldimethyl, ethyl sulphates CAS: Non-applicable EC: 939-607-9	Oral	Not relevant	Not relevant	2.83mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	2.83mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0.98mg/m ³	Not relevant
Phosphoric acid CAS: 7664-38-2 EC: 231-633-2	Oral	Not relevant	Not relevant	0.1mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	Not relevant	4.57mg/m ³	0.36mg/m ³
Cumene CAS: 98-82-8 EC: 202-704-5	Oral	Not relevant	Not relevant	5mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1.2mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	16.6mg/m ³	Not relevant

8.1

DNEL (General population)

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		Identification				
		STP	mg/L	Fresh Water	mg/L	
8.1	PNEC	Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	Soil	2,31 mg/kg	Marine Water	0,327 mg/L
			Intermittent	0,327 mg/L	Sediment (FW)	12,46 mg/kg
			Oral	Not relevant	Sediment (MW)	12,46 mg/kg
			STP	6,58 mg/L	Fresh Water	0,327 mg/L
		Ethyl acetate CAS: 141-78-6 EC: 205-500-4	Soil	0,148 mg/kg	Marine Water	0,024 mg/L
			Intermittent	1,65 mg/L	Sediment (FW)	1,15 mg/kg
			Oral	0,2 g/kg	Sediment (MW)	0,115 mg/kg
			STP	650 mg/L	Fresh Water	0,24 mg/L
		2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	Soil	0,29 mg/kg	Marine Water	0,064 mg/L
			Intermittent	6,35 mg/L	Sediment (FW)	3,29 mg/kg
			Oral	Not relevant	Sediment (MW)	0,329 mg/kg
			STP	100 mg/L	Fresh Water	0,635 mg/L
		Butanone CAS: 78-93-3 EC: 201-159-0	Soil	22,5 mg/kg	Marine Water	55,8 mg/L
			Intermittent	55,8 mg/L	Sediment (FW)	284,74 mg/kg
			Oral	1 g/kg	Sediment (MW)	284,7 mg/kg
			STP	709 mg/L	Fresh Water	55,8 mg/L
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	Soil	0,09 mg/kg	Marine Water	0,018 mg/L		
	Intermittent	0,36 mg/L	Sediment (FW)	0,981 mg/kg		
	Oral	Not relevant	Sediment (MW)	0,098 mg/kg		
	STP	35,6 mg/L	Fresh Water	0,18 mg/L		
Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	Soil	2,31 mg/kg	Marine Water	0,327 mg/L		
	Intermittent	0,327 mg/L	Sediment (FW)	12,46 mg/kg		
	Oral	Not relevant	Sediment (MW)	12,46 mg/kg		
	STP	6,58 mg/L	Fresh Water	0,327 mg/L		
Amide wax CAS: Non-applicable EC: 434-430-9	Soil	171,5 mg/kg	Marine Water	0,02 mg/L		
	Intermittent	0,18 mg/L	Sediment (FW)	860 mg/kg		
	Oral	0,0278 g/kg	Sediment (MW)	86 mg/kg		
	STP	10 mg/L	Fresh Water	0,2 mg/L		
Toluene CAS: 108-88-3 EC: 203-625-9	Soil	2,89 mg/kg	Marine Water	0,68 mg/L		
	Intermittent	0,68 mg/L	Sediment (FW)	16,39 mg/kg		
	Oral	Not relevant	Sediment (MW)	16,39 mg/kg		
	STP	13,61 mg/L	Fresh Water	0,68 mg/L		
Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethyldimethyl, ethyl sulphates CAS: Non-applicable EC: 939-607-9	Soil	7 mg/kg	Marine Water	0 mg/L		
	Intermittent	0 mg/L	Sediment (FW)	9,27 mg/kg		
	Oral	Not relevant	Sediment (MW)	0,927 mg/kg		
	STP	0,9 mg/L	Fresh Water	0,001 mg/L		

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8.1	PNEC	Identification													
		Cumene CAS: 98-82-8 EC: 202-704-5	STP	200mg/L	Fresh Water	0,035mg/L									
			Soil	0,624mg/kg	Marine Water	0,004mg/L									
			Intermittent	0,012mg/L	Sediment (FW)	3,22mg/kg									
			Oral	Not Relevant	Sediment (MW)	0,322mg/kg									
8.2	Exposure controls	<p>Individual protection measures, such as personal protective equipment</p> <p>In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 2016/425/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1.</p> <p>All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.</p>													
		Respiratory protection													
		<table border="1"> <thead> <tr> <th>Pictogram</th> <th>PPE</th> <th>Labelling</th> <th>CEN Standard</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td> Mandatory respiratory tract protection</td> <td>Filter mask for gases, vapours and particles</td> <td></td> <td>EN 149:2001+A1:2009 EN 405:2022+A1:2010 EN ISO 136:1998</td> <td>Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected.</td> </tr> </tbody> </table>				Pictogram	PPE	Labelling	CEN Standard	Remarks	 Mandatory respiratory tract protection	Filter mask for gases, vapours and particles		EN 149:2001+A1:2009 EN 405:2022+A1:2010 EN ISO 136:1998	Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected.
		Pictogram	PPE	Labelling	CEN Standard	Remarks									
 Mandatory respiratory tract protection	Filter mask for gases, vapours and particles		EN 149:2001+A1:2009 EN 405:2022+A1:2010 EN ISO 136:1998	Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected.											
Specific protection for the hands															
<table border="1"> <thead> <tr> <th>Pictogram</th> <th>PPE</th> <th>Labelling</th> <th>CEN Standard</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td> Mandatory hand protection</td> <td>Chemical protective gloves (material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062mm)</td> <td></td> <td>EN ISO 21420:2020</td> <td>Replace the gloves at any sign of deterioration.</td> </tr> </tbody> </table> <p>As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and is to be checked prior to the application.</p>				Pictogram	PPE	Labelling	CEN Standard	Remarks	 Mandatory hand protection	Chemical protective gloves (material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.		
Pictogram	PPE	Labelling	CEN Standard	Remarks											
 Mandatory hand protection	Chemical protective gloves (material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.											

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8.2	Exposure controls	Eye and face protection				
		Pictogram	PPE	Labelling	CEN Standard	Remarks
		 Mandatory face protection	Face Shield		EN 166:2002 EN 167:2002 EN 168:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacture's instructions. Use if there is a risk of splashing.
		Body protection				
		Pictogram	PPE	Labelling	CEN Standard	Remarks
		 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties		EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions.
		 Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties.		EN ISO 13287:2020 EN ISO 20345:2011 EN 13832-1:2019	Replace the boots at any sign of deterioration.
		Additional Emergency measures				
		Emergency measure	Standards	Emergency Measure	Standards	
		Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 38644:2011	
	Environmental exposure controls	In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D.				
	Volatile organic compounds	With regard to Directive 2010/75/EU, this product has the following characteristics: V.O.C (Supply): 28.88% weight V.O.C. density at 25°C: 402.73kg/m ³ (402.73 g/L) Average carbon number: 7.09 Average molecular weight: 104.06 g/mol				

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9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties		For complete information see the product datasheet	
9.1	Appearance	Physical state at 20°C	Liquid
		Appearance	Viscous
		Colour	White
		Odour	N/A
		Odour Threshold	N/A*
	Volatility	Boiling point at atmospheric pressure	121°C
		Vapour pressure at 25°C	3557Pa
		Vapour pressure at 50°C	11435.65pa (11.44 Kpa)
		Evaporation rate at 25°C	N/A*
	Product description	Density at 25°C	1394.7kg/m ³
		Relative density at 25°C	1.395
		Dynamic viscosity at 25°C	N/A*
		Kinematic viscosity at 25°C	1768 mm ² /s
		Kinematic viscosity at 40°C	>20.5mm ² /s
		Concentration	N/A*
		pH	N/A*
		Vapour density at 25 °C	N/A*
		Partition coefficient n-octanol/water 25 °C	N/A*
		Solubility in water at 25 °C	N/A*
		Solubility properties	N/A*
Decomposition temperature		N/A*	
Flammability	Melting point/freezing point	N/A*	
	Flash point	21°C	
	Flammability (solid, gas)	N/A*	
	Autoignition temperature	200°C	
	Lower flammability limit	N/A*	
Particle characteristics	Upper flammability limit	N/A*	
	Median equivalent diameter	N/A	
9.2	Other information Information with regard to physical hazard classes	Explosive properties	N/A*
		Oxidising properties	N/A*
		Corrosive to metals	N/A*
		Heat of combustion	N/A*
		Aerosols-total percentage (by mass) of flammable components	N/A
	Other safety characteristics	Surface tension at 25°C	N/A*
Refraction index		N/A*	

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10. STABILITY AND REACTIVITY

10.1	Reactivity	No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.										
10.2	Chemical stability	Chemically stable under the indicated conditions of storage, handling and use										
10.3	Possibility of hazardous reactions	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected										
10.4	Conditions to avoid	<p>Applicable for handling and storage at room temperature:</p> <table border="1"> <tr> <td>Shock and friction</td> <td>N/A</td> </tr> <tr> <td>Contact with air</td> <td>N/A</td> </tr> <tr> <td>Increase in temperature</td> <td>Risk of Combustion</td> </tr> <tr> <td>Sunlight</td> <td>Avoid Direct Impact</td> </tr> <tr> <td>Humidity</td> <td>N/A</td> </tr> </table>	Shock and friction	N/A	Contact with air	N/A	Increase in temperature	Risk of Combustion	Sunlight	Avoid Direct Impact	Humidity	N/A
Shock and friction	N/A											
Contact with air	N/A											
Increase in temperature	Risk of Combustion											
Sunlight	Avoid Direct Impact											
Humidity	N/A											
10.5	Incompatible materials	<table border="1"> <tr> <td>Acids</td> <td>Avoid strong acids</td> </tr> <tr> <td>Water</td> <td>N/A</td> </tr> <tr> <td>Oxidising materials</td> <td>Avoid direct impact</td> </tr> <tr> <td>Combustible materials</td> <td>N/A</td> </tr> <tr> <td>Others</td> <td>Avoid alkalis or strong bases</td> </tr> </table>	Acids	Avoid strong acids	Water	N/A	Oxidising materials	Avoid direct impact	Combustible materials	N/A	Others	Avoid alkalis or strong bases
Acids	Avoid strong acids											
Water	N/A											
Oxidising materials	Avoid direct impact											
Combustible materials	N/A											
Others	Avoid alkalis or strong bases											
10.6	Hazardous decomposition products	See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO ₂), carbon monoxide and other organic compounds.										

11. TOXICOLOGICAL INFORMATION

11.1	Information on hazard classes as defined in Regulation (EC) No 1272/2008	The experimental information related to the toxicological properties of the product itself is not available.
	Dangerous health implications	In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits adverse effects of health may result, depending on the means of exposure:

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11.1	Dangerous health implications	<p>Ingestion (acute effect):</p> <ul style="list-style-type: none"> Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3. Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
		<p>Inhalation (acute effect):</p> <ul style="list-style-type: none"> Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3. Corrosivity/Irritability: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.
		<p>Contact with the skin and the eyes (acute effect):</p> <ul style="list-style-type: none"> Contact with the skin: Produces skin inflammation Contact with the eyes: Produces eye damage after contact
		<p>CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):</p> <ul style="list-style-type: none"> Carcinogenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3. <p>IARC: Solvent naptha (petroleum), light aromatic(3); Cumene (2B); Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 (3); Toluene (3); Reaction mass of ethylbenzene and xylene (3); Hydrocarbons, C9, aromatics(3); Reaction mass of ethylbenzene and xylene (3); Stoddard solvent, < 0.1 % EC 200-753-7 (3); ethanol (1); Talc (3)</p> <ul style="list-style-type: none"> Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3. Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
		<p>Sensitizing effects</p> <ul style="list-style-type: none"> Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3. Skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
		<p>Specific target organ toxicity (STOT) - single exposure</p> <ul style="list-style-type: none"> Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.
		<p>Specific target organ toxicity (STOT)-repeated exposure</p> <ul style="list-style-type: none"> Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness. Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
		<p>Aspiration hazard</p> <ul style="list-style-type: none"> Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

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		Identification			Acute Toxicity		Genus
11.1	Specific toxicology information on the substances	Ethyl acetate CAS: 141-78-6 EC: 205-500-4	LD50 oral	4100 mg/kg	Rat		
			LD50 dermal	20000 mg/kg	Rabbit		
			LC50 inhalation	>20 mg/L			
		2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	LD50 oral	8532 mg/kg	Rat		
			LD50 dermal	>5000 mg/kg	Rat		
			LC50 inhalation	30 mg/L (4 h)	Rat		
		Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	LD50 oral	2100 mg/kg	Rat		
			LD50 dermal	1100 mg/kg (ATEi)	Rat		
			LC50 inhalation	11 mg/L (4 h)	Rat		
		N-butyl acetate CAS: 123-86-4 EC: 204-658-1	LD50 oral	12789 mg/kg	Rat		
			LD50 dermal	14112 mg/kg	Rabbit		
			LC50 inhalation	23,4 mg/L (4 h)	Rat		
		Butanone CAS: 78-93-3 EC: 201-159-0	LD50 oral	4000 mg/kg	Rat		
			LD50 dermal	6400 mg/kg	Rabbit		
			LC50 inhalation	23,5 mg/L (4 h)	Rat		
		Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	LD50 oral	2100 mg/kg	Rat		
			LD50 dermal	1100 mg/kg	Rat		
			LC50 inhalation	11 mg/L (4 h)	Rat		
		Amide wax CAS: Non-applicable EC: 434-430-9	LD50 oral	>2000 mg/kg			
			LD50 dermal	>2000 mg/kg			
LC50 inhalation	>5 mg/L						
Toluene CAS: 108-88-3 EC: 203-625-9	LD50 oral	5580 mg/kg	Rat				
	LD50 dermal	12124 mg/kg	Rat				
	LC50 inhalation	28,1 mg/L (4 h)	Rat				
Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethyldimethyl, ethyl sulphates CAS: Non-applicable EC: 939-607-9	LD50 oral	600 mg/kg	Rat				
	LD50 dermal	429 mg/kg	Rabbit				
	LC50 inhalation	>5 mg/L					
Phosphoric acid CAS: 7664-38-2 EC: 231-633-2	LD50 oral	3500 mg/kg	Rat				
	LD50 dermal	2470 mg/kg	Rabbit				
	LC50 inhalation	>5 mg/L					
Cumene CAS: 98-82-8 EC: 202-704-5	LD50 oral	2700 mg/kg					
	LD50 dermal	>2000 mg/kg					
	LC50 inhalation	>20 mg/L					

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11.2	Information on other hazards	Endocrine-disrupting properties: The product does not meet the criteria
	Endocrine disrupting properties	
	Other information	N/A

12. ECOLOGICAL INFORMATION

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

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

12.1	Toxicity	Identification	Concentration		Species	Genus	
			LC50	EC50			
Acute toxicity		Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	LC50	>10 - 100 mg/L (96 h)		Fish	
			EC50	>10 - 100 mg/L (48 h)		Crustacean	
			EC50	>10 - 100 mg/L (72 h)		Algae	
		Ethyl acetate CAS: 141-78-6 EC: 205-500-4	LC50	230 mg/L (96 h)		Pimephales promelas	Fish
			EC50	717 mg/L (48 h)		Daphnia magna	Crustacean
			EC50	3300 mg/L (48 h)		Scenedesmus subspicatus	Algae
		2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	LC50	161 mg/L (96 h)		Pimephales promelas	Fish
			EC50	481 mg/L (48 h)		Daphnia sp.	Crustacean
			EC50	Not relevant			
		Butanone CAS: 78-93-3 EC: 201-159-0	LC50	3220 mg/L (96 h)		Pimephales promelas	Fish
			EC50	5091 mg/L (48 h)		Daphnia magna	Crustacean
			EC50	4300 mg/L (168 h)		Scenedesmus quadricauda	Algae
		N-butyl acetate CAS: 123-86-4 EC: 204-658-1	LC50	Not relevant			
			EC50	Not relevant			
			EC50	675 mg/L (72 h)		Scenedesmus subspicatus	Algae
		Toluene CAS: 108-88-3 EC: 203-625-9	LC50	5,5 mg/L (96 h)		Oncorhynchus kisutch	Fish
			EC50	3,78 mg/L (48 h)		Ceriodaphnia dubia	Crustacean
			EC50	Not relevant			
		Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethyldimethyl, ethyl sulphates CAS: Non-applicable EC: 939-607-9	LC50	13,8 mg/L (96 h)		Danio rerio	Fish
			EC50	0,036 mg/L (48 h)		Daphnia magna	Crustacean
			EC50	0,14 mg/L (72 h)		Pseudokirchneriella subcapitata	Algae
		Cumene CAS: 98-82-8 EC: 202-704-5	LC50	2,7 mg/L (96 h)		Salmo gairdneri	Fish
			EC50	10,8 mg/L (48 h)		Daphnia magna	Crustacean
			EC50	2,6 mg/L (72 h)		Selenastrum capricornutum	Algae

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		Identification		Concentration		Species	Genus
12.1	Chronic toxicity	Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish	
			NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean	
		Ethyl acetate CAS: 141-78-6 EC: 205-500-4	NOEC	9,65 mg/L	Pimephales promelas	Fish	
			NOEC	2,4 mg/L	Daphnia magna	Crustacean	
		2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	NOEC	47,5 mg/L	Oryzias latipes	Fish	
			NOEC	100 mg/L	Daphnia magna	Crustacean	
		N-butyl acetate CAS: 123-86-4 EC: 204-658-1	NOEC	Not relevant			
			NOEC	23,2 mg/L	Daphnia magna	Crustacean	
		Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish	
			NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean	
		Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethyldimethyl, ethyl sulphates CAS: Non-applicable EC: 939-607-9	NOEC	0,2737 mg/L	Pimephales promelas	Fish	
			NOEC	0,0068 mg/L	Daphnia magna	Crustacean	
		Cumene CAS: 98-82-8 EC: 202-704-5	NOEC	0,38 mg/L	Pimephales promelas	Fish	
			NOEC	0,35 mg/L	Daphnia magna	Crustacean	

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12.2	Persistence and degradability	Substance-specific information	Identification		Degradability		Biodegradability		
		Ethyl acetate CAS: 141-78-6 EC: 205-500-4	BOD5	1,36 g O2/g	Concentration	100 mg/L	cellPeriodoTeste	oConte	
			COD	1,69 g O2/g	Period	nido			
			BOD5/COD	0,8	% Biodegradable	83 %			
			2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	BOD5	Not relevant	Concentration	785 mg/L	cellPeriodoTeste	oConte
				COD	Not relevant	Period	nido		
				BOD5/COD	Not relevant	% Biodegradable	100 %		
			Butanone CAS: 78-93-3 EC: 201-159-0	BOD5	2,03 g O2/g	Concentration	Not relevant	cellPeriodoTeste	oConte
				COD	2,31 g O2/g	Period	nido		
				BOD5/COD	0,88	% Biodegradable	89 %		
		N-butyl acetate CAS: 123-86-4 EC: 204-658-1	BOD5	Not relevant	Concentration	Not relevant	cellPeriodoTeste	oConte	
			COD	Not relevant	Period	nido			
			BOD5/COD	Not relevant	% Biodegradable	84 %			
		Toluene CAS: 108-88-3 EC: 203-625-9	BOD5	2,5 g O2/g	Concentration	100 mg/L	cellPeriodoTeste	oConte	
			COD	Not relevant	Period	nido			
			BOD5/COD	Not relevant	% Biodegradable	100 %			
		Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethyldimethyl, ethyl sulphates CAS: Non-applicable EC: 939-607-9	BOD5	Not relevant	Concentration	20 mg/L	cellPeriodoTeste	oConte	
			COD	Not relevant	Period	nido			
			BOD5/COD	Not relevant	% Biodegradable	67 %			
		Cumene CAS: 98-82-8 EC: 202-704-5	BOD5	Not relevant	Concentration	100 mg/L	cellPeriodoTeste	oConte	
			COD	Not relevant	Period	nido			
			BOD5/COD	Not relevant	% Biodegradable	40 %			

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Bioaccumulative potential		Identification		Bioaccumulation potential	
12.3	Substance-specific information	Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	BCF	9	
			Pow Log	2.77	
			Potential	Low	
		Ethyl acetate CAS: 141-78-6 EC: 205-500-4	BCF	30	
			Pow Log	0.73	
			Potential	Moderate	
		2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	BCF	1	
			Pow Log	0.43	
			Potential	Low	
		Butanone CAS: 78-93-3 EC: 201-159-0	BCF	3	
			Pow Log	0.29	
			Potential	Low	
		N-butyl acetate CAS: 123-86-4 EC: 204-658-1	BCF	4	
			Pow Log	1.78	
			Potential	Low	
		Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	BCF	9	
			Pow Log	2.77	
			Potential	Low	
		Toluene CAS: 108-88-3 EC: 203-625-9	BCF	90	
			Pow Log	2.73	
Potential	Moderate				
Quaternary ammonium compounds, C12-14 (even-numbered)-alkylethyldimethyl, ethyl sulphates CAS: Non-applicable EC: 939-607-9	BCF	160			
	Pow Log	3.26			
	Potential	High			
Cumene CAS: 98-82-8 EC: 202-704-5	BCF	120			
	Pow Log	3.66			
	Potential	High			

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12.4	Mobility in soil	Identification		Absorption/desorption		Volatility		
		Ethyl acetate CAS: 141-78-6 EC: 205-500-4	Koc	59	Henry	13,58 Pa·m ³ /mol		
				Conclusion	Very High	Dry Soil	Yes	
				Surface Tension	2,324E-2 N/m (25 °C)	Moist Soil	Yes	
				Butanone CAS: 78-93-3 EC: 201-159-0	Koc	30	Henry	5,77 Pa·m ³ /mol
				Conclusion	Very High	Dry Soil	Yes	
				Surface Tension	2,396E-2 N/m (25 °C)	Moist Soil	Yes	
				N-butyl acetate CAS: 123-86-4 EC: 204-658-1	Koc	Not relevant	Henry	Not relevant
				Conclusion	Not relevant	Dry Soil	Not relevant	
				Surface Tension	2,478E-2 N/m (25 °C)	Moist Soil	Not relevant	
				Toluene CAS: 108-88-3 EC: 203-625-9	Koc	178	Henry	672,8 Pa·m ³ /mol
				Conclusion	Moderate	Dry Soil	Yes	
				Surface Tension	2,793E-2 N/m (25 °C)	Moist Soil	Yes	
				Cumene CAS: 98-82-8 EC: 202-704-5	Koc	Not relevant	Henry	Not relevant
				Conclusion	Not relevant	Dry Soil	Not relevant	
				Surface Tension	2,769E-2 N/m (25 °C)	Moist Soil	Not relevant	
				12.5	Results of PBT and vPvB assessment	Product does not meet PBT/vPvB criteria		
		12.6	Endocrine disrupting properties	Endocrine-disrupting properties: The product does not meet the criteria				
		12.7	Other adverse effects	Not described				

13. DISPOSAL CONSIDERATIONS

	Waste treatment methods	Code	Description	Waste Class (Regulation (EU) No 1357/2014)
		08 01 11*	Waste paint and varnish containing organic solvents or other hazardous substances	Hazardous
13.1	Type of waste (Regulation (EU) No 1357/2014)	HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP4 Irritant— skin irritation and eye damage.		
	Waste management (disposal and evaluation)	Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.		
	Regulations related to waste management	In accordance with Annex II of Regulation (EC) No 1907/2006(REACH) the community or state provisions related to waste management are stated Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014.		

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14. TRANSPORT INFORMATION

		Transport of dangerous goods by land With regard to ADR 2023 and RID 2023	Transport of dangerous goods by sea With regard to IMDG 40-20	Transport of dangerous goods by air With regard to IATA/ICAO 2023
14.1	UN number or ID number	UN1263	UN1263	UN1263
14.2	UN proper shipping name	PAINT	PAINT	PAINT
14.3	Transport hazard class(es)	3	3	3
	Labels	3	3	3
14.4	Packing group	III	III	III
14.5	Environmental hazards	No	No	No
14.6	Special precautions for user			
	Special regulations	163, 367, 650	223, 955, 163, 367	
	EmS Codes		F-E, S-E	
	Tunnel restriction code	D/E		see section 9
	Physico-Chemical properties	see section 9	see section 9	
14.7	Limited quantities	5L	5L	
	Segregation Group		Not Relevant	
14.7	Maritime transport in bulk according to IMO instruments	Not Relevant	Not Relevant	Not Relevant

15. REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	<ul style="list-style-type: none"> Article 95, REGULATION (EU) No 528/2012: Not relevant Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Not relevant REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant 									
	Seveso III	<table border="1"> <thead> <tr> <th>Section</th> <th>Description</th> <th>Lower-tier requirements</th> <th>Upper-tier requirements</th> </tr> </thead> <tbody> <tr> <td>P5c</td> <td>FLAMMABLE LIQUIDS</td> <td>5000</td> <td>50000</td> </tr> </tbody> </table>	Section	Description	Lower-tier requirements	Upper-tier requirements	P5c	FLAMMABLE LIQUIDS	5000	50000	
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P5c	FLAMMABLE LIQUIDS	5000	50000								

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15.1	Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc...)	<p>Shall not be used in:</p> <ul style="list-style-type: none"> • ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays • tricks and jokes • games for one or more participants, or any article intended to be used as such, even with ornamental aspects.
	Specific provisions in terms of protecting people or the environment	It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.
	Other legislation	The product could be affected by sectorial legislation
15.2	Chemical safety assessment	The supplier has not carried out evaluation of chemical safety

16. OTHER INFORMATION

Legislation related to safety data sheets	The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).
Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks	<p>COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):</p> <ul style="list-style-type: none"> • New declared substances <ul style="list-style-type: none"> ◦ Cumene (98-82-8)
Texts of the legislative phrases mentioned in section 2	<p>H319: Causes serious eye irritation. H335: May cause respiratory irritation. H373: May cause damage to organs through prolonged or repeated exposure. H315: Causes skin irritation. H225: Highly flammable liquid and vapour.</p>
Texts of the legislative phrases mentioned in section 3	The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3
CLP regulation (EC) no 1272/2008	<p>Acute Tox. 3: H311 - Toxic in contact with skin. Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Carc. 1B: H350 - May cause cancer. Eye Dam. 1: H318 - Causes serious eye damage. Eye Irrit. 2: H319 - Causes serious eye irritation.</p>

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CLP regulation (EC) no 1272/2008	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Flam. Liq. 3: H226 - Flammable liquid and vapour. Repr. 2: H361d - Suspected of damaging the unborn child. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1B: H317 - May cause an allergic skin reaction. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Inhalation). STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure. STOT SE 3: H335 - May cause respiratory irritation. STOT SE 3: H336 - May cause drowsiness or dizziness.</p>
Classification procedure	<p>Eye Irrit. 2: Calculation method STOT SE 3: Calculation method STOT RE 2: Calculation method Skin Irrit. 2: Calculation method Flam. Liq. 2: Calculation method (2.6.4.3)</p>
Advice related to training	<p>Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.</p>
Principal bibliographical sources	<p>http://echa.europa.eu http://eur-lex.europa.eu</p>
Abbreviations and acronyms	<p>ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration50 EC50: Effective concentration 50 LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon UFI:unique formula identifier IARC: International Agency for Research on Cancer</p>