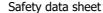


Safety data sheet This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

Liqcreate - Flame Retardant HDT

1.1	Product identifier: Ligcreate - Flame Retardant HDT
1.1	Other means of identification:
	UFI: ES10-K1T5-000N-MSF5
1.2	Relevant identified uses of the substance or mixture and uses advised against:
	Relevant uses: Resin for 3D Printing. For professional users/industrial user only.
	Uses advised against: All uses not specified in this section or in section 7.3
1.3	Details of the supplier of the safety data sheet:
	ALT Group BV Texasdreef 7 3565 CL Utrecht - The Netherlands Phone: +31850605849 info@liqcreate.com www.liqcreate.com
1.4	Emergency telephone number: +31850605849 Mo-Fr 8:30-17:00
SECT	TION 2: HAZARDS IDENTIFICATION
2.1	Classification of the substance or mixture:
	CLP Regulation (EC) No 1272/2008:
	Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
	Aquatic Acute 1: Hazardous to the aquatic environment, acute hazard, Category 1, H400 Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard, Category 1, H410 Eye Dam. 1: Serious eye damage, Category 1, H318 Skin Irrit. 2: Skin irritation, Category 2, H315 Skin Sens. 1B: Sensitisation, skin, Category 1B, H317
2.2	Label elements:
	CLP Regulation (EC) No 1272/2008: Danger
	Hazard statements:
	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Eye Dam. 1: H318 - Causes serious eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1B: H317 - May cause an allergic skin reaction. Precautionary statements:
	 P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.
	 P302+P352: IF ON SKIN: Wash with plenty of water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a poison center/doctor. P321: Specific treatment is urgently needed (go to see a doctor with the Safety data sheet for this product).
	P332+P313: If skin irritation occurs: Get medical advice/attention. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P391: Collect spillage.
	P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively. Supplementary information:

- CONTINUED ON NEXT PAGE -



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Liqcreate - Flame Retardant HDT

SECTION 2: HAZARDS IDENTIFICATION (continued)

Contains (Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bismethacrylate, 2-Propenoic acid, ester with 1,3,5-tris(2hydroxyethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione, diisodecyl phenyl phosphite, Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide.

UFI: ES10-K1T5-000N-MSF5

2.3 **Other hazards:**

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Product does not meet PBT/vPvB criteria

Endocrine-disrupting properties: The product does not meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture of substances

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

	Identification	Chemical name/Classification	Concentration	
CAS:	43048-08-4	(Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bismethacrylate ⁽¹⁾ Self-classified		
	256-062-6 Non-applicable 01-2120164868-39- XXXX	Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	40 - <65 %	
CAS: EC: Index:	Non-applicable 915-672-9 Non-applicable	2-Propenoic acid, ester with 1,3,5-tris(2-hydroxyethyl)-1,3,5-triazine-2,4,6 Self-classified (1H,3H,5H)-trione ⁽¹⁾		
	01-2120769731-47- XXXX	Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 -	9 - <30 %	
CAS:	75980-60-8	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide ⁽¹⁾ Self-classified		
EC: 278-355 Index: 015-203 REACH: 01-2115 XXXX	Index: REACH:	015-203-00-X 01-2119972295-29-	Regulation 1272/2008 Aquatic Chronic 2: H411; Repr. 2: H361f; Skin Sens. 1B: H317 - Warning	0,5 - <2 %
CAS:	79-10-7	acrylic acid ⁽¹⁾ ATP CLP00		
Index: 6 REACH: 0	201-177-9 607-061-00-8 01-2119452449-31- XXXX	Regulation 1272/2008 Acute Tox. 4: H302+H312+H332; Aquatic Acute 1: H400; Flam. Liq. 3: H226; Skin Corr. 1A: H314 - Danger	0,1 - <0,5 %	
CAS:	25550-98-5	diisodecyl phenyl phosphite ⁽¹⁾ Self-classified		
	247-098-3 Non-applicable 01-2119962888-14- XXXX	Regulation 1272/2008 Skin Sens. 1: H317 - Warning	0,1 - <0,5 %	
CAS: EC:	128-37-0 204-881-4	2,6-di-tert-butyl-p-cresol ⁽¹⁾ Self-classified		
Index:		Regulation 1272/2008 Aquatic Chronic 1: H410 - Warning	0,1 - <0,5 %	
CAS:	123-86-4 204-658-1	N-butyl acetate ⁽²⁾ ATP CLP00		
Index: REACH:	607-025-00-1 01-2119485493-29- XXXX	Regulation 1272/2008 Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning	<0,01 %	
CAS:	108-95-2	phenol ⁽²⁾ ATP CLP00		
	203-632-7 604-001-00-2 01-2119471329-32- XXXX	Regulation 1272/2008 Acute Tox. 3: H301+H311+H331; Muta. 2: H341; Skin Corr. 1B: H314; STOT RE 2: A A Cute Tox. 3: H301+H311+H331; Muta. 2: H341; Skin Corr. 1B: H314; STOT RE 2: A A Cute Tox. 3: H301+H311+H331; Muta. 2: H341; Skin Corr. 1B: H314; STOT RE 2: A A Cute Tox. 3: H301+H311+H331; Muta. 2: H341; Skin Corr. 1B: H314; STOT RE 2: A A Cute Tox. 3: H301+H311+H331; Muta. 2: H341; Skin Corr. 1B: H314; STOT RE 2: A A Cute Tox. 3: H301+H311+H331; Muta. 2: H341; Skin Corr. 1B: H314; STOT RE 2: A A Cute Tox. 3: H301+H311+H331; Muta. 2: H341; Skin Corr. 1B: H314; STOT RE 2: A A Cute Tox. 3: H301+H311+H311; Muta. 2: H341; Skin Corr. 1B: H314; STOT RE 2: A A A Cute Tox. 3: H301+H311+H311; Muta. 2: H341; Skin Corr. 1B: H314; STOT RE 2: A A A A A A A A A A A A A A A A A A	<0,01 %	

⁽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

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

Identification	Specific concentration limit
acrylic acid CAS: 79-10-7 EC: 201-177-9	% (w/w) >=1: STOT SE 3 - H335



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued) Identification Specific concentration limit phenol % (w/w) >=3: Skin Corr. 1B - H314 CAS: 108-95-2 1<= % (w/w) <3: Skin Irrit. 2 - H315</td> EC: 203-632-7 % (w/w) >=1: Eye Irrit. 2 - H319

SECTION 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:

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This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

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.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

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 spilt 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 emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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.

SECTION 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 with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

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

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.:	5 °C
Maximum Temp.:	30 °C
Maximum time:	15 Months

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.

SECTION 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):



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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	Occ	Occupational exposure limits		
acrylic acid	IOELV (8h)	10 ppm	29 mg/m ³	
CAS: 79-10-7 EC: 201-177-9	IOELV (STEL)	20 ppm	59 mg/m ³	
N-butyl acetate	IOELV (8h)	50 ppm	241 mg/m ³	
CAS: 123-86-4 EC: 204-658-1	IOELV (STEL)	150 ppm	723 mg/m ³	
phenol	IOELV (8h)	2 ppm	8 mg/m ³	
CAS: 108-95-2 EC: 203-632-7	IOELV (STEL)	4 ppm	16 mg/m ³	

DNEL (Workers):

		Short	exposure	Long exposure	
Identification		Systemic	Local	Systemic	Local
2-Propenoic acid, ester with 1,3,5-tris(2-hydroxyethyl)- 1,3,5-triazine-2,4,6(1H,3H,5H)-trione	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	167 mg/kg	Non-applicable
EC: 915-672-9	Inhalation	Non-applicable	Non-applicable	3,5 mg/m ³	Non-applicable
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 75980-60-8	Dermal	Non-applicable	Non-applicable	0,233 mg/kg	Non-applicable
EC: 278-355-8	Inhalation	Non-applicable	Non-applicable	0,822 mg/m ³	Non-applicable
acrylic acid	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 79-10-7	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 201-177-9	Inhalation	30 mg/m ³	30 mg/m ³	30 mg/m ³	30 mg/m ³
diisodecyl phenyl phosphite	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 25550-98-5	Dermal	Non-applicable	Non-applicable	50 mg/kg	Non-applicable
EC: 247-098-3	Inhalation	Non-applicable	Non-appl <mark>ica</mark> ble	7 <mark>0,5</mark> mg/m³	Non-applicable
2,6-di-tert-butyl-p <mark>-cr</mark> es <mark>ol</mark>	Oral	Non-applicable	Non-applicable	N <mark>on</mark> -applicable	Non-applicable
CAS: 128-37-0	Dermal	Non-applicable	Non-applicable	0 <mark>,5</mark> mg/kg	Non-applicable
EC: 204-881-4	Inhalation	Non-applicable	Non-applicable	3,5 mg/m ³	Non-applicable
N-butyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 123-86-4	Dermal	11 mg/kg	Non-applicable	11 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	600 mg/m ³	600 mg/m ³	300 mg/m ³	300 mg/m ³
phenol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 108-95-2	Dermal	Non-applicable	Non-applicable	1,23 mg/kg	Non-applicable
EC: 203-632-7	Inhalation	Non-applicable	16 mg/m ³	8 mg/m ³	Non-applicable

DNEL (General population):

		Short e	exposure	Long e	exposure
Identification		Systemic	Local	Systemic	Local
2-Propenoic acid, ester with 1,3,5-tris(2-hydroxyethyl)- 1,3,5-triazine-2,4,6(1H,3H,5H)-trione	Oral	Non-applicable	Non-applicable	0,5 mg/kg	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	83 mg/kg	Non-applicable
EC: 915-672-9	Inhalation	Non-applicable	Non-applicable	0,87 mg/m ³	Non-applicable
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	Oral	Non-applicable	Non-applicable	0,0833 mg/kg	Non-applicable
CAS: 75980-60-8	Dermal	Non-applicable	Non-applicable	0,0833 mg/kg	Non-applicable
EC: 278-355-8	Inhalation	Non-applicable	Non-applicable	0,145 mg/m ³	Non-applicable
acrylic acid	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 79-10-7	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 201-177-9	Inhalation	3,6 mg/m ³	3,6 mg/m ³	3,6 mg/m ³	3,6 mg/m ³
2,6-di-tert-butyl-p-cresol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 128-37-0	Dermal	Non-applicable	Non-applicable	0,25 mg/kg	Non-applicable
EC: 204-881-4	Inhalation	Non-applicable	Non-applicable	0,86 mg/m ³	Non-applicable
N-butyl acetate	Oral	2 mg/kg	Non-applicable	2 mg/kg	Non-applicable
CAS: 123-86-4	Dermal	6 mg/kg	Non-applicable	6 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	300 mg/m ³	300 mg/m ³	35,7 mg/m ³	35,7 mg/m ³



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short	Short exposure		exposure
Identification		Systemic	Local	Systemic	Local
phenol	Oral	Non-applicable	Non-applicable	0,4 mg/kg	Non-applicable
CAS: 108-95-2	Dermal	Non-applicable	Non-applicable	0,4 mg/kg	Non-applicable
EC: 203-632-7	Inhalation	Non-applicable	Non-applicable	1,32 mg/m ³	Non-applicable

PNEC:

Identification				
(Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bismethacrylate	STP	10 mg/L	Fresh water	0,0016 mg/L
CAS: 43048-08-4	Soil	0,32 mg/kg	Marine water	0,00016 mg/L
EC: 256-062-6	Intermittent	0,016 mg/L	Sediment (Fresh water)	1,6 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,16 mg/kg
2-Propenoic acid, ester with 1,3,5-tris(2-hydroxyethyl)- 1,3,5-triazine-2,4,6(1H,3H,5H)-trione	STP	6,25 mg/L	Fresh water	0,019 mg/L
CAS: Non-applicable	Soil	0,011 mg/kg	Marine water	0,002 mg/L
EC: 915-672-9	Intermittent	0,19 mg/L	Sediment (Fresh water)	0,11 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,011 mg/kg
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	STP	Non-applicable	Fresh water	0,0014 mg/L
CAS: 75980-60-8	Soil	0,0222 mg/kg	Marine water	0,00014 mg/L
EC: 278-355-8	Intermittent	0,014 mg/L	Sediment (Fresh water)	0,115 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0115 mg/kg
acrylic acid	STP	0,9 mg/L	Fresh water	0,003 mg/L
CAS: 79-10-7	Soil	1 mg/kg	Marine water	0 mg/L
EC: 201-177-9	Intermittent	0,001 mg/L	Sediment (Fresh water)	0,024 mg/kg
	Oral	0,03 g/kg	Sediment (Marine water)	0,002 mg/kg
2,6-di-tert-butyl-p-cresol	STP	0,17 mg/L	Fresh water	0,000199 mg/L
CAS: 128-37-0	Soil	0,047 <mark>69</mark> mg/kg	Marine water	0,00002 mg/L
EC: 204-881-4	Intermittent	0,00199 mg/L	Sediment (Fresh water)	0,0996 mg/kg
	Oral	0,00833 g/kg	Sediment (Marine water)	0,00996 mg/kg
N-butyl acetate	STP	35,6 mg/L	Fresh water	0,18 mg/L
CAS: 123-86-4	Soil	0,09 mg/kg	Marine water	0,018 mg/L
EC: 204-658-1	Intermittent	0,36 mg/L	Sediment (Fresh water)	0,981 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,098 mg/kg
phenol	STP	2,1 mg/L	Fresh water	0,008 mg/L
CAS: 108-95-2	Soil	0,136 mg/kg	Marine water	0,001 mg/L
EC: 203-632-7	Intermittent	0,031 mg/L	Sediment (Fresh water)	0,091 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,009 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. 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.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks			
Mandatory respiratory tract protection	Filter mask for gases and vapours		EN 405:2002+A1:2010	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.			
C Specific protection	Specific protection for the hands						

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			L PROTECTI				
Pictogr	ram PF	E	Labelling	CEN Standard		Remarks	
Mandatory		: Nitrile, time: > 480	CAT III	EN ISO 21420:2020	Replace	e the gloves at any sign of deterioration.	
					rial can r	not be calculated in advance with	
total reliab D Eye and fa	pility and has therefo ace protection	re to be chec	cked prior to the	e application.			
Pictogr		E	Labelling	CEN Standard		Remarks	
Mandatory	Panoramic gla splash/pro	asses against ojections.	CATI	EN 166:2002 EN ISO 4007:2018		aily and disinfect periodically according to nufacturer´s instructions. Use if there is a risk of splashing.	
E Body prote	ection						
Pictogr	ram PF	E	Labelling	CEN Standard		Remarks	
	Work c	othing	CATI		periods pi recomm	before any evidence of deterioration. For of prolonged exposure to the product for rofessional/industrial users CE III is ended, in accordance with the regulation O 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.	
	Anti-slip w	ork shoes	CAT II	EN ISO 20347:2012	periods precomm	before any evidence of deterioration. For of prolonged exposure to the product for rofessional/industrial users CE III is ended, in accordance with the regulation N ISO 20345:2012 y EN 13832-1:2007	
F Additional	emergency measure	2S					
Emerge	ency measure	Sta	Indards	Emergency measu	ure	Standards	
Emerç	gency shower		I Z358-1 1, ISO 3864-4:201	1 Eyewash station	IS	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011	
·	tal avracura contr	rols:					
Environment	Environmental exposure controls: In accordance with the community legislation for the protection of the environment it is recommended to avoid environment spillage of both the product and its container. For additional information see subsection 7.1.D						
In accordance spillage of bot	with the community					nended to avoid environmental	
In accordance spillage of bot Volatile orga	with the community th the product and it anic compounds:	s container. F	or additional in			nended to avoid environmental	
In accordance spillage of bot Volatile orga With regard to V.O.C. (Su	with the community the product and it anic compounds: Directive 2010/75/ upply):	s container. F EU, this produ 0 % w	or additional in uct has the foll reight	formation see subsection		nended to avoid environmental	
In accordance spillage of bot Volatile orga With regard to V.O.C. (Su V.O.C. der	with the community th the product and it mic compounds: Directive 2010/75/ pply): nsity at 20 °C:	s container. F EU, this produ 0 % w 0 kg/n	or additional in uct has the folk reight n ³ (0 g/L)	formation see subsection		nended to avoid environmental	
In accordance spillage of bot Volatile orga With regard to V.O.C. (Su V.O.C. der Average ca	with the community the product and it anic compounds: Directive 2010/75/ apply): nsity at 20 °C: arbon number:	s container. F EU, this produ 0 % w 0 kg/n Non-a	or additional in uct has the foll reight n ³ (0 g/L) pplicable	formation see subsection		nended to avoid environmental	
In accordance spillage of bot Volatile orga With regard to V.O.C. (Su V.O.C. der Average ca	with the community th the product and it mic compounds: Directive 2010/75/ pply): nsity at 20 °C:	s container. F EU, this produ 0 % w 0 kg/n Non-a	or additional in uct has the folk reight n ³ (0 g/L)	formation see subsection		nended to avoid environmental	
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SECT	TION 9: PHYSICAL AND CHEMICAL PROPERTIE	S (continued)
	Odour threshold:	Non-applicable *
	Volatility:	
	Boiling point at atmospheric pressure:	Non-applicable *
	Vapour pressure at 20 °C:	Non-applicable *
	Vapour pressure at 50 °C:	Non-applicable *
	Evaporation rate at 20 °C:	Non-applicable *
	Product description:	
	Density at 20 °C:	1242,8 kg/m³
	Relative density at 20 °C:	1,243
	Dynamic viscosity at 20 °C:	Non-applicable *
	Kinematic viscosity at 20 °C:	Non-applicable *
	Kinematic viscosity at 40 °C:	>20,5 mm²/s
	Concentration:	Non-applicable *
	pH:	~6 - 8 (at 100 %)
	Vapour density at 20 °C:	Non-applicable *
	Partition coefficient n-octanol/water 20 °C:	Non-applicable *
	Solubility in water at 20 °C:	Non-applicable *
	Solubility properties:	Non-applicable *
	Decomposition temperature:	Non-applicable *
	Melting point/freezing point:	Non-applicable *
	Flammability:	
	Flash Point:	Non Flammable (>60 °C)
	Flammability (solid, gas):	Non-applicable *
	Autoignition temperature:	Non-applicable *
	Lower flammability limit:	Non-applicable *
	Upper flammability limit:	Non-applicable *
	Particle characteristics:	
	Median equivalent diameter:	Non-applicable
9.2	Other information:	
	Information with regard to physical hazard clas	
	Explosive properties:	Non-applicable *
	Oxidising properties:	Non-applicable *
	Corrosive to metals:	Non-applicable *
	Heat of combustion:	Non-applicable *
	Aerosols-total percentage (by mass) of flammable components:	Non-applicable *
	Other safety characteristics:	
	Surface tension at 20 °C:	Non-applicable *
	Refraction index:	Non-applicable *
	*Not relevant due to the nature of the product, not providing info	

SECTION 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:



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SECTION 10: STABILITY AND REACTIVITY (continued)

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:

Applicable for handling and storage at room temperature:

Net explicable December December December	Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable Precaution Precaution Not applicable	Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	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.

SECTION 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 on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- 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.
- B- Inhalation (acute effect):
 - 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: 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.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Produces skin inflammation.
 - Contact with the eyes: Produces serious eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
 - IARC: 2,6-di-tert-butyl-p-cresol (3); acrylic acid (3); phenol (3)
 - Mutagenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with mutagenic effects. 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.
- E- Sensitizing effects:
 - 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: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- F- Specific target organ toxicity (STOT) single exposure:

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.

G- Specific target organ toxicity (STOT)-repeated exposure:



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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Specific target organ toxicity (STOT)-repeated exposure: 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.

- 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.

H- Aspiration hazard:

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.

Other information:

Non-applicable

Specific toxicology information on the substances:

Identification	A	cute toxicity	Genus
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	LD50 oral	>5000 mg/kg	Rat
CAS: 75980-60-8	LD50 dermal	Non-applicable	
EC: 278-355-8	LC50 inhalation	Non-applicable	
acrylic acid	LD50 oral	500 mg/kg	Rat
CAS: 79-10-7	LD50 dermal	1100 mg/kg	Rat
EC: 201-177-9	LC50 inhalation	11 mg/L (4 h)	Rat
2,6-di-tert-butyl-p-cresol	LD50 oral	6000 mg/kg	Rat
CAS: 128-37-0	LD50 dermal	Non-applicable	
EC: 204-881-4	LC50 inhalation	Non-applicable	
N-butyl acetate	LD50 oral	12789 mg/kg	Rat
CAS: 123-86-4	LD50 dermal	14112 mg/kg	Rabbit
EC: 204-658-1	LC50 inhalation	23,4 m <mark>g/</mark> L (4 h)	Rat
phenol	LD50 oral	100 m <mark>g/k</mark> g	Rat
CAS: 108-95-2	LD50 dermal	630 m <mark>g/kg</mark>	Rabbit
EC: 203-632-7	LC50 inhalation	Non-applicable	

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Non-applicable

SECTION 12: ECOLOGICAL INFORMATION

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

Very toxic to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

Identification		Concentration	Species	Genus	
(Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bismethacrylate	LC50	0,14 mg/L (96 h)	Danio rerio	Fish	
CAS: 43048-08-4	EC50	2,63 mg/L (48 h)	Daphnia magna	Crustacean	
EC: 256-062-6	EC50	0,71 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae	
2-Propenoic acid, ester with 1,3,5-tris(2-hydroxyethyl)-1,3,5- triazine-2,4,6(1H,3H,5H)-trione	LC50	22,64 mg/L (96 h)	Danio rerio	Fish	
CAS: Non-applicable	EC50	19,9 mg/L (48 h)	Daphnia magna	Crustacean	
EC: 915-672-9	EC50	25,7 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae	
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	LC50	>1 - 10 mg/L (96 h)		Fish	
CAS: 75980-60-8	EC50	>1 - 10 mg/L (48 h)		Crustacean	
EC: 278-355-8	EC50	>1 - 10 mg/L (72 h)		Algae	



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Identification		Concentration	Species	Genu
acrylic acid	LC50	27 mg/L (96 h)	Salmo gairdneri	Fish
CAS: 79-10-7	EC50	54 mg/L (24 h)	Daphnia magna	Crustac
EC: 201-177-9	EC50	0,13 mg/L (72 h)	Scenedesmus subspicatus	Alga
2,6-di-tert-butyl-p-cresol	LC50	0,199 mg/L (96 h)	Oryzias latipes	Fish
CAS: 128-37-0	EC50	0,48 mg/L (48 h)	Daphnia magna	Crustac
EC: 204-881-4	EC50	Non-applicable		
N-butyl acetate	LC50	Non-applicable		
CAS: 123-86-4	EC50	Non-applicable		
EC: 204-658-1	EC50	675 mg/L (72 h)	Scenedesmus subspicatus	Alga
phenol	LC50	14 mg/L (96 h)	Leuciscus idus	Fish
CAS: 108-95-2	EC50	12 mg/L (24 h)	Daphnia magna	Crustad
EC: 203-632-7	EC50	370 mg/L (96 h)	Chlorella vulgaris	Alga

Identification		Concentration	Species	Genus
2-Propenoic acid, ester with 1,3,5-tris(2-hydroxyethyl)-1,3,5- triazine-2,4,6(1H,3H,5H)-trione	NOEC	Non-applicable		
CAS: Non-applicable EC: 915-672-9	NOEC	100 mg/L	Daphnia magna	Crustacean
acrylic acid	NOEC	Non-applicable		
CAS: 79-10-7 EC: 201-177-9	NOEC	19 mg/L	Daphnia magna	Crustacean
2,6-di-tert-butyl-p-cresol	NOEC	0,053 mg/L	Oryzias latipes	Fish
CAS: 128-37-0 EC: 204-881-4	NOEC	0,069 mg/L	Daphnia magna	Crustacean
N-butyl acetate	NOEC	Non-applicable		
CAS: 123-86-4 EC: 204-658-1	NOEC	23,2 mg/L	Dap <mark>hni</mark> a magna	Crustacean
phenol	NOEC	0,077 mg/L	Cirrhina mrigala	Fish
CAS: 108-95-2 EC: 203-632-7	NOEC	0,16 mg/L	Dap <mark>hni</mark> a magna	Crustacear
No. 2 days and days and days of a 1200 sec				

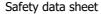
12.2 Persistence and degradability:

Substance-specific information:

Identification	De	egradability	Biode	egradability
(Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bismethacrylate	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 43048-08-4	COD	Non-applicable	Period	28 days
EC: 256-062-6	BOD5/COD	Non-applicable	% Biodegradable	28 %
2-Propenoic acid, ester with 1,3,5-tris(2-hydroxyethyl)- 1,3,5-triazine-2,4,6(1H,3H,5H)-trione	BOD5	Non-applicable	Concentration	15 mg/L
CAS: Non-applicable	COD	Non-applicable	Period	28 days
EC: 915-672-9	BOD5/COD	Non-applicable	% Biodegradable	16,6 %
acrylic acid	BOD5	0,29 g O2/g	Concentration	100 mg/L
CAS: 79-10-7	COD	1,41 g O2/g	Period	14 days
EC: 201-177-9	BOD5/COD	0,21	% Biodegradable	67,8 %
2,6-di-tert-butyl-p-cresol	BOD5	Non-applicable	Concentration	10 mg/L
CAS: 128-37-0	COD	Non-applicable	Period	28 days
EC: 204-881-4	BOD5/COD	Non-applicable	% Biodegradable	4,7 %
N-butyl acetate	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 123-86-4	COD	Non-applicable	Period	5 days
EC: 204-658-1	BOD5/COD	Non-applicable	% Biodegradable	84 %
phenol	BOD5	1,68 g O2/g	Concentration	100 mg/L
CAS: 108-95-2	COD	2,33 g O2/g	Period	14 days
EC: 203-632-7	BOD5/COD	0,72	% Biodegradable	85 %

12.3 Bioaccumulative potential:

Substance-specific information:



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Identification			Bioaco	cumulation potential
(Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bi	smethacrylate	1	3CF	1493
CAS: 43048-08-4	Pow L		Pow Log	5.8
EC: 256-062-6		F	Potential	Very High
2-Propenoic acid, ester with 1,3,5-tris(2-hydroxyethyl)-1,3	3,5-triazine-2,4,6(1H,3	BH,5H)-trione	BCF	
CAS: Non-applicable		ſ	Pow Log	1.77
EC: 915-672-9		F	Potential	
acrylic acid		E	3CF	1
CAS: 79-10-7		F	Pow Log	0.35
EC: 201-177-9		F	Potential	Low
2,6-di-tert-butyl-p-cresol	BCF Pow		3CF	598
CAS: 128-37-0			Pow Log	4.36
EC: 204-881-4		F	Potential	High
N-butyl acetate		E	3CF	4
CAS: 123-86-4		F	Pow Log	1.78
EC: 204-658-1	BC		Potential	Low
phenol			3CF	17
CAS: 108-95-2			Pow Log	1.48
EC: 203-632-7		F	Potential	Low
Mobility in soil:				
Identification	Absorp	tion/desorption		Volatility
(Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bismethacrylate	Кос	8674	Henry	Non-applicable
CAS: 43048-08-4	Conclusion	Immobile	Dry soil	Non-applicable
EC: 256-062-6	Surface tension	Non-ap <mark>plica</mark> ble	Moist soil	Non-applicable
acrylic acid	Кос	Non-applicable	Henry	Non-applicable
CAS: 79-10-7	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 201-177-9	Surface tension	2,85E-2 N/m (25 °C)	Moist soil	Non-applicable
2,6-di-tert-butyl-p-cresol	Кос	23030	Henry	3,42E-1 Pa·m³/m
CAS: 128-37-0	Conclusion	Immobile	Dry soil	Yes
EC: 204-881-4	Surface tension	1,255E-2 N/m (258,85 °C)	Moist soil	Yes
N-butyl acetate	Кос	Non-applicable	Henry	Non-applicable

EC: 204-881-4	Surface tension	1,255E-2 N/m (258,85 °C)	Moist soil	Yes
N-butyl acetate	Кос	Non-applicable	Henry	Non-applicable
CAS: 123-86-4	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 204-658-1	Surface tension	2,478E-2 N/m (25 °C)	Moist soil	Non-applicable
phenol	Кос	50	Henry	2,2E-2 Pa·m³/mol
CAS: 108-95-2	Conclusion	Very High	Dry soil	Yes
EC: 203-632-7	Surface tension	1,847E-2 N/m (231,01 °C)	Moist soil	Yes

12.5 Results of PBT and vPvB assessment: Product does not meet PBT/vPvB criteria

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:

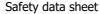
Not described

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)				
20 01 27*	paint, inks, adhesives and resins containing hazardous substances	Dangerous				
Type of wast	ype of waste (Regulation (EU) No 1357/2014):					



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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

HP14 Ecotoxic, HP13 Sensitising, 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-dangerous 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

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land: With regard to ADR 2023 and RID 2023: 14.1 UN number or ID number: UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (14.2 UN proper shipping name: (Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bismethacrylate) 14.3 Transport hazard class(es): 9 I abels 9 14.4 Packing group: III 14.5 Environmental hazards: Yes 14.6 Special precautions for user Special regulations: 274, 335, 375<mark>, 6</mark>01 Tunnel restriction code: Physico-Chemical properties: see section 9 Limited quantities: 5 L 14.7 Maritime transport in bulk Non-applicable according to IMO instruments: Transport of dangerous goods by sea: With regard to IMDG 40-20: 14.1 UN number or ID number: UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (14.2 UN proper shipping name: (Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bismethacrylate) 14.3 Transport hazard class(es): 9 9 Labels: 14.4 Packing group: III 14.5 Marine pollutant: Yes 14.6 Special precautions for user Special regulations: 335, 969, 274 EmS Codes: F-A, S-F Physico-Chemical properties: see section 9 Limited quantities: 5 L Non-applicable Segregation group: 14.7 Maritime transport in bulk Non-applicable according to IMO instruments: Transport of dangerous goods by air: With regard to IATA/ICAO 2023:

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SECTION 14: TRANSPORT	INFORMATION (continued)	
	UN number or ID number: UN proper shipping name:	UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((Octahydro-4,7-methano-1H-indenediyl)bis(methylene) bismethacrylate)
14.3	Transport hazard class(es): Labels:	9
14.4	Packing group:	III
14.5 14.6	Environmental hazards: Special precautions for user	Yes
	Physico-Chemical properties:	see section 9
14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
E1	ENVIRONMENTAL HAZARDS	100	200

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Shall not be used in:

-ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,

tricks and iokes.

-games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

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.

SECTION 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.: Non-applicable

Texts of the legislative phrases mentioned in section 2:

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Liqcreate - Flame Retardant HDT

SECT	TION 16: OTHER INFORMATION (continued)
	H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. 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: Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled. Acute Tox. 4: H302+H312+H332 - Hamful if swallowed, in contact with skin or if inhaled. Acute Tox. 4: H302+H312+H332 - Hamful if swallowed, in contact with skin or if inhaled. 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 2: H411 - Toxic to aquatic life with long lasting effects. Aquatic Chronic 2: H411 - Toxic aquatic life with long lasting effects. Aquatic Chronic 2: H411 - Toxic aquatic life with long lasting effects. Aquatic Chronic 2: H411 - Toxic aquatic life with long lasting effects. Eye Dam. 1: H318 - Causes serious eye damage. Flam. Lig. 3: H226 - Flammable liquid and vapour. Muta. 2: H341 - Suspected of causing genetic defects. Repr. 2: H361 - Suspected of damaging fertility. Skin Corr. 18: H314 - Causes severe skin burns and eye damage. Skin Corr. 18: H314 - Causes severe skin burns and eye damage. Skin Corr. 18: H317 - May cause an allergic skin reaction. Skin Sens. 11: H317 - May cause an allergic skin reaction. Skin Sens. 11: H317 - May cause an allergic skin reaction. Skin Sens. 11: H317 - May cause an allergic skin reaction. Skin Sens. 11: H317 - May cause drowsiness or dizzness. Classification procedure: Aquatic Acute 1: Calculation method Aquatic Chronic 1: Calculation method Skin Irrit. 2: Calculation method Skin Irrit. 2: Calculation method Skin Irrit. 2: Calculation method
	Advice related to training: 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. Principal bibliographical sources: http://echa.europa.eu http://eur-lex.europa.eu 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 BOFS: 5day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LCS0: Effective concentration 50 ECS0: Effective concentration coefficient Koc: Partition coefficient of organic carbon UFI: unique formula identifier IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.