

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : STAR BRITE TEAK SEALER LIGHT
Product code : 879XX

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

Application : SU21 Consumer product. Paint. PC9a Other paints and coating materials.

1.3. Details of the supplier of the safety data sheet

Supplier : Star brite Nederland B.V.
Kryptonweg 7
NL-3812 RZ Amersfoort, The Netherlands
Telephone : +31(0)337853616
E-mail : info@starbrite.nl
Website : http://www.starbrite.nl

Manufacturer : Star brite Europe, LLC.
4041 SW 47TH AVE
33314 Fort Lauderdale, FL
United States of America

Telephone : +1 954 587 6280
E-mail : europe@starbrite.com

1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

NL - Telephone : +31(0)337853616 (During office hours only)

EMERGENCY TELEPHONE NUMBER (for DOCTORS only):

National Poisons Information Service +44 344 892 0111 (24/7)

SECTION 2 HAZARDS IDENTIFICATION

*

2.1. Classification of the substance or mixture

CLP classification : Hazardous to the aquatic environment — Chronic category 3.
(1272/2008/EC)

Human health hazards : Repeated exposure may cause skin dryness or cracking. May produce an allergic reaction.
Contains petroleum distillates, may be harmful when ingested.

Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives. Combustible.

Environmental hazards : Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements ((EU) 1272/2008):

Hazard pictograms : None.

Signal word : Not applicable.

H- and P-phrases : H412 Harmful to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.
EUH208 Contains ... May produce an allergic reaction. Reference is made to additional labelling for full text of EUH208*.
P273 Avoid release to the environment.
P501 Dispose of contents/container to an official chemical waste depot.

Labelling of packagings where the contents do not exceed 125 ml and it is technically impossible to list all phrases:

Hazard pictograms : None.
 Signal word : Not applicable.
 H- and P-phrases : H412 Harmful to aquatic life with long lasting effects.
 EUH066 Repeated exposure may cause skin dryness or cracking.
 EUH208 Contains ... May produce an allergic reaction. Reference is made to additional labelling for full text of EUH208*.

Additional labelling (for all packaging sizes)

- : * Contains N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide) ; Bis-[4-(2,3-epoxipropoxy)phenyl]propane . May produce an allergic reaction.
- : 32 per cent of the mixture consists of component(s) of unknown acute toxicity. Contains 32 % of components with unknown hazards to the aquatic environment.

2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%. Human health: This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher. Environment: This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS *

3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Remark	REACH nr.
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	50 - 75	-----	926-141-6		01-2119456620-43
(2-Methoxymethylethoxy)propanol	0,1 - < 1	34590-94-8	252-104-2	MAC	
Limestone	0,1 - < 1	1317-65-3	215-279-6	MAC	
Toluene	0,1 - < 1	108-88-3	203-625-9		
Diiron trioxide	0,1 - < 1	1309-37-1	215-168-2	MAC	
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)	0,1 - < 1	123-26-2	204-613-6		
Titanium dioxide	0,1 - < 1	13463-67-7	236-675-5	MAC	
Bis-[4-(2,3-epoxipropoxy)phenyl]propane	0,1 - < 1	1675-54-3	216-823-5		
Dimethyl glutarate	0,1 - < 1	1119-40-0	214-277-2	MAC	
3-Iodo-2-propynyl butylcarbamate	< 0,1	55406-53-6	259-627-5		

Substance name	Hazard Class	H-phrases	Pictograms
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Asp. Tox. 1	H304; EUH066	GHS08
(2-Methoxymethylethoxy)propanol	-----	-----	-----
Limestone	-----	-----	-----
Toluene	Flam. Liq. 2; Asp. Tox. 1; Skin Irrit. 2; STOT SE 3; Repr. 2; STOT RE 2	H225; H304; H315; H336; H361d; H373	GHS02; GHS07; GHS08
Diiron trioxide	-----	-----	-----
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)	Skin Sens. 1B; Aquatic Chronic 3	H317; H412	GHS07
Titanium dioxide	-----	-----	-----

Bis-[4-(2,3-epoxipropoxy)phenyl]propane	Skin Irrit. 2; Skin Sens. 1; Eye Irrit. 2; Aquatic Chronic 2	H315; H317; H319; H411	GHS07; GHS09	H319 : C >= 5 % H315 : C >= 5 %
Dimethyl glutarate 3-Iodo-2-propynyl butylcarbamate	Acute Tox. 4; Skin Sens. 1; Eye Dam. 1; STOT RE 1; Aquatic Acute 1; Aquatic Chronic 1; Acute Tox. 2	H302; H317; H318; H372; H400; H410; H330	GHS05; GHS06; GHS07; GHS08; GHS09	M (acute) = 10 M (chronic) = 10 inhalation: ATE = 0,17 mg/L (dusts or mists)

Occupational exposure limit(s), if relevant, are listed in section 8.

Reference is made to chapter 16 for full text of each relevant H phrase.

SECTION 4 FIRST-AID MEASURES

4.1. Description of first aid measures

First aid measures

- Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up. Consult a doctor if irritation occurs.
- Eye contact : Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor if irritation persists.
- Ingestion : Do not induce vomiting. Give nothing to drink. Do not rinse the mouth. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

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

Effects and symptoms

- Inhalation : May cause headache, dizziness and a feeling of sickness.
- Skin contact : Repeated exposure may cause skin dryness or cracking. May produce an allergic reaction. May cause dry skin.
- Eye contact : May cause stinging of eyes and redness.
- Ingestion : May cause a feeling of sickness, vomiting and diarrhoea. May cause lung damage, sore throat and lack of breath.

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

Note to physicians : None known.

SECTION 5 FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

- Suitable : Carbon dioxide (CO₂). Foam. Dry chemical. Water fog.
- Not suitable : Water jet. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

- Special exposure hazards : Will float on water and can be reignited. The vapour is heavier than air, spreads along the ground and distant ignition is possible.
- Hazardous thermal decomposition and combustion products : Carbon monoxide may be evolved if incomplete combustion occurs.

5.3. Advice for firefighters

- Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

SECTION 6	ACCIDENTAL RELEASE MEASURES	*
------------------	------------------------------------	---

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material. Keep away from sources of ignition — No smoking. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.

6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. In case of large spills: contain with dike. Waste product should not be allowed to contaminate soil or water.

Other information : Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Clean contaminated surface preferably with a special cleaner. Avoid use of solvents.

6.4. Reference to other sections

Reference to other sections : See also section 8.

SECTION 7	HANDLING AND STORAGE	
------------------	-----------------------------	--

7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Do not breathe vapour. Avoid contact with skin and eyes. Avoid splashing. Wear protective clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 50 °C). Protect from sunlight. Keep away from oxidizing agents.

Recommended packaging : Keep only in the original container.

Non recommended packaging : PE and PP.

7.3. Specific end use(s)

Use : Use only as directed.

SECTION 8	EXPOSURE CONTROLS/PERSONAL PROTECTION	*
------------------	--	---

8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m³):

Chemical name	Country	TWA 8 hour (mg/m ³)	STEL 15 min (mg/m ³)	Comments	Source
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics		1200	-	-	CEFIC-HSPA
(2-Methoxymethylethoxy)propanol	GB	308	-	Skin	

Toluene	EC	308	-	Skin	Directive 2000/39/EC
	EC	192	384	Skin	Directive 2006/15/EG
	GB	191	384	Skin	
Diiron trioxide	GB	5	10	As Fe.	
		5			
Titanium dioxide	GB	10; 4	-	Inhalable; respirable fractions	
		5			MAC: SE, NO, AT
Dimethyl glutarate		8	16		MAC: DE
Aluminium oxide	GB	10	-		
		6			OEL: HU, UA, AT

Derived no-effect level (DNEL) for workers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
(2-Methoxymethylethoxy)propanol	Dermal				283 mg/kg bw/day
	Inhalation				308 mg/m3
Toluene	Inhalation	384 mg/m3	384 mg/m3	192 mg/m3	192 mg/m3
	Dermal				384 mg/kg bw/day
Diiron trioxide	Inhalation			10 mg/m3	10 mg/m3
Titanium dioxide	Inhalation			10 mg/m3	
Bis-[4-(2,3-epoxipropox- i)phenyl]propane	Inhalation				4.93 mg/m3
	Dermal				0.75 mg/kg bw/day
Dimethyl glutarate	Inhalation				8,3 mg/m3

Derived no-effect level (DNEL) for consumers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
(2-Methoxymethylethoxy)propanol	Dermal				121 mg/kg bw/day
	Inhalation				37,2 mg/m3
	Oral				36 mg/kg bw/day
Toluene	Inhalation	226 mg/m3	226 mg/m3	56,5 mg/m3	56,5 mg/m3
	Dermal				226 mg/kg bw/day
	Oral				8,13 mg/kg bw/day
Titanium dioxide	Oral				700 mg/kg bw/day
Bis-[4-(2,3-epoxipropox- i)phenyl]propane	Inhalation				0.87 mg/m3
	Dermal				0.0893 mg/kg bw/day
	Oral				0.5 mg/kg bw/day
Dimethyl glutarate	Inhalation				5 mg/m3

Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water		Marine water	
(2-Methoxymethylethoxy)propanol	Water	19 mg/l		1,9 mg/l	
	Sediment	70,2 mg/kg		7,02 mg/kg	
	Intermittent water				190 mg/l
	STP				4168 mg/l
	Soil				2,74 mg/kg
Toluene	Water	0,68 mg/l		0,68 mg/l	
	Sediment	16,39 mg/kg		16,39 mg/kg	
	Intermittent water				0,68 mg/l
	STP				13,61 mg/l
	Soil				2,89 mg/kg
Titanium dioxide	Water	0,127 mg/l		1 mg/l	
	Sediment	1000 mg/kg		100 mg/kg	

Bis-[4-(2,3-epoxipropoxy)phenyl]propane	Intermittent water			0,61 mg/l
	STP			100 mg/l
	Soil			100 mg/kg
	Oral			1667 mg/kg food
Dimethyl glutarate	Water	0.006 mg/l	0.001 mg/l	
	Sediment	0.341 mg/kg	0.034 mg/kg	
	STP			10 mg/l
	Soil			0.065 mg/kg
	Oral			11 mg/kg food
	Water	0,031 mg/l	0,0031 mg/l	
Dimethyl glutarate	Sediment	0,15 mg/kg	0,015 mg/kg	
	Intermittent water			0,31 mg/l
	STP			10 mg/l
	Soil			0,113 mg/kg

8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals. See Directive 2004/37/EG on the protection of workers from the risks related to exposure to carcinogens or mutagens at work.

Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection : Use of specific protective industrial clothing is not required under normal conditions of use. In case of large scale exposure wear suitable protective clothing, overalls or suit, and similar boots. Suitable material: laminated film. Indication of permeation breakthrough time: not known.

Respiratory protection : Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.

Hand protection : Under normal conditions of use specific gloves are not required. Wear appropriate gloves in case of frequent or prolonged use and in case of large scale exposure. Suitable material: laminated film. ± 0,5 mm. Indication of permeation breakthrough time: not known.

Eye protection : Wear appropriate safety glasses when there is danger of possible eye contact.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	: Liquid.	
Colour	: Light brown.	
Odour	: Characteristic.	
Odour threshold	: Not known.	
pH	: Not applicable.	Waterfree product.
Solubility in water	: Not soluble.	
Partition coefficient (n-octanol/water)	: Not known.	Not measured. Not relevant for mixtures.
Flash point	: 51,9 °C	Closed Cup (ISO 2719, EN 11, DIN 51758, ASTM D 93). Does not support combustion.
Flammability (solid, gas)	: Not applicable.	Liquid. See flashpoint.
Auto ignition temperature	: > 207 °C	
Boiling point/boiling range	: > 100 °C	
Melting point/melting range	: < 0 °C	
Explosive properties	: Not explosive.	
Explosion limits (% in air)	: Not known.	Lower explosion limit in air (%): 0,6 (Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics)

	:	Upper explosion limit in air (%): 5,5 (Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
Oxidising properties	:	Does not contain oxidizing substances.
Decomposition temperature	:	
Viscosity (20°C)	:	1300 mm ² /sec (1 mm ² /sec = 1cSt)
Viscosity (40°C)	:	> 20,5 mm ² /sec
Vapour pressure (20°C)	:	Not known.
Relative vapour density	:	Not known (air = 1)
Relative density (20°C)	:	0,862 g/ml
Particle characteristics	:	Not applicable. Liquid.

9.2. Other information

Other information : Not relevant.

SECTION 10 STABILITY AND REACTIVITY
--

10.1. Reactivity

Reactivity : See sub-sections below.

10.2. Chemical stability

Stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid : See section 7.

10.5. Incompatible materials

Materials to avoid : Keep away from oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

SECTION 11 TOXICOLOGICAL INFORMATION	*
---	---

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

No toxicological research has been carried out on this product.

Inhalation

Acute toxicity	:	Calculated LC50: > 7,977 mg/l. Ingredients of unknown toxicity: 32 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause headache, dizziness and a feeling of sickness.
Corrosion/irritation	:	Not classified - based on available data, the classification criteria are not met.
Sensitisation	:	Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.
Carcinogenicity	:	Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
Mutagenicity	:	Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Skin contact

Acute toxicity : Calculated LD50: > 3232 mg/kg.bw. Ingredients of unknown toxicity: 32 %. ATE: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.

Corrosion/irritation : Slight irritation possible. Repeated exposure may cause skin dryness or cracking. Not classified - based on available data, the classification criteria are not met.

Sensitisation : May produce an allergic reaction.

Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

Eye contact

Corrosion/irritation : Slight irritation possible. Not classified - based on available data, the classification criteria are not met.

Ingestion

Acute toxicity : Calculated LD50: > 3265 mg/kg.bw. Ingredients of unknown toxicity: 32 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.

Aspiration : Highly viscous liquid. Not classified - based on available data, the classification criteria are not met. Contains a substance/substances with an aspiration hazard. After ingestion, at vomiting, risk of aspiration in the lungs.

Corrosion/irritation : May cause a feeling of sickness, stomachache, vomiting and diarrhoea.

Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.

Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Reprotoxicity : Development: Not classified - Based on available data, the classification criteria are not met. Fertility: not expected to be reprotoxic. Fertility: Not classified - based on available data, the classification criteria are not met.

Toxicological information:

Chemical name	Property		Method	Test animal
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	NOAEL (inhalation) - estimate	> 2200 mg/m3	Read across	Rat
	LC50 (inhalation) - estimate	> 5000 mg/m3	-----	-----
	NOAEL (development) - estimate	Not teratogenic	-----	-----
	NOAEL (fertility) - estimate	Not reprotoxic	-----	-----
	LD50 (dermal)	> 2000 mg/kg bw	OECD 402	Rat
	Skin irritation	Non-irritant	OECD 404	Rabbit
	Eye irritation	Non-irritant	OECD 405	Rabbit
	Skin sensitisation	Not sensitizing	OECD 406	-----
	LD50 (oral)	> 5000 mg/kg bw	OECD 401	Rat
	LC50 (inhalation)	> 4950 mg/m3	OECD 403	Rat
	NOAEL (oral) - estimate	> 5500 mg/kg bw/d	Read across	Rat
	Mutagenicity - estimate	Not mutagenic	Read across	
	Respiratory irritation - estimate	Non-irritant		
	NOEL (carcinogenicity) - estimate	Not carcinogenic		
N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)	LC50 (inhalation) - estimate	> 5000 mg/m3		
	LD50 (oral) - estimate	> 2000 mg/kg bw		
Bis-[4-(2,3-epoxypropoxy)phenyl]propane	LD50 (oral)	> 19800 mg/kg bw		Rabbit
	LD50 (dermal)	> 23000 mg/kg bw		Rabbit

11.2. Information on other hazards

Endocrine disrupting : This product does not contain components considered to have endocrine disrupting properties at levels of 0.1% or higher.
 Other information : Not applicable.

SECTION 12 ECOLOGICAL INFORMATION *

12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Harmful to aquatic organisms. Calculated LC50 (fish): 53 mg/l. Calculated EC50 (waterflea): 177 mg/l. Contains 32 % of components with unknown hazards to the aquatic environment. May form an oil film on the water surface causing a decline in oxygen content with possible adverse effects for aquatic organisms.

12.2. Persistence and degradability

Persistence – degradability : May cause long-term adverse effects in the aquatic environment.

12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

12.4. Mobility in soil

Mobility : Adsorbs to soil and has low mobility. Floats on water.

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

12.6. Endocrine disrupting properties

Endocrine disrupting : This product does not contain components considered to have endocrine disrupting properties at levels of 0.1% or higher.

12.7. Other adverse effects

Other adverse effects : Not applicable.

Ecological information:

Chemical name	Property		Method	Test animal
3-Iodo-2-propynyl butylcarbamate	LC50 (fish)	0,067 mg/l	-----	Oncorhynchus mykiss
	EC50 (waterflea)	0,65 mg/l		Daphnia magna
	Log P(ow)	2,81		
	BCF	3,30		

SECTION 13 DISPOSAL CONSIDERATIONS *

13.1. Waste treatment methods

Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as hazardous waste.
 Additional warning : Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums.
 Waste water discharge : Do not dispose of into the environment, drains, sewers or water courses.
 European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.
 Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

SECTION 14 TRANSPORT INFORMATION

14.1. UN number or ID number

UN nr. : None.

14.2. UN proper shipping name

Transport name : Not regulated.

14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/railway/inland waterways)

Class : This product is not classified according to ADR/RID/ADN.

IMDG (sea)

Class : This product is not classified according to IMDG.

Marine pollutant : No

IATA (air)

Class : This product is not classified according to IATA.

14.6. Special precautions for user

Other information : Country specific variations may apply.

14.7. Maritime transport in bulk according to IMO instruments

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

SECTION 15 REGULATORY INFORMATION

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

Community regulations : Regulation (EU) No 2020/878 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations. Directive 2008/98/EC (waste).
: This product is exempted from classification as "May be fatal if swallowed and enters airways" on basis of section 3.10.3.3.1.1. of Annex I of Regulation (EC) No 1272/2008.

VOC-content (EC) : 542 g/l

Restrictions : Contains: Toluene . Toluene shall not be placed on the market, or used, as a substance or in mixtures in a concentration equal to or greater than 0,1 % by weight where the substance or mixture is used in adhesives or spray paints intended for supply to the general public. Annex XVII, 1/48.

15.2. Chemical safety assessment

Chemical safety assessment : Not available.

SECTION 16 OTHER INFORMATION

*

16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2020/878 dated 18 June 2020 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

List of abbreviations and acronyms that could be used (but not necessarily are used) in this safety data sheet:

ADR	: European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	: Acute Toxicity Estimate
CLP	: Classification, Labeling & Packaging
CMR	: Carcinogenic, Mutagenic or toxic for Reproduction
EEC	: European Economic Community
GHS	: Globally Harmonized System of Classification and Labelling of Chemicals
IATA	: International Air Transport Association
IBC code	: The IMO International Code for construction and equipment of ships carrying dangerous chemicals in bulk.
IMDG	: International Maritime Dangerous Goods Code
LD50/LC50	: Lethal Dose/Concentration for 50% of a population
MAC	: Maximum Allowable Concentration
MARPOL	: International Convention for the Prevention of Pollution From Ships
NO(A)EL	: No Observed (Adverse) Effect Level
OECD	: Organisation for Economic Co-operation and Development
PBT	: Persistent, Bioaccumulative and Toxic
PC	: Chemical product category
PT	: Product type
REACH	: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	: Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	: Sewage Treatment Plant
SU	: Sector of Use
TWA/STEL	: Time-Weighted Average/Short Term Exposure Limit
UN	: United Nations
UFI	: Unique formula identifier
VOC	: Volatile Organic Compounds
vPvB	: Very Persistent and Very Bioaccumulative

Key data used to compile the Safety Data Sheet are from, but not limited to, one or more sources of information e.g. toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation EG 1272/2008, etc.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

Aquatic Chronic 3 : Calculation method.

Full text of hazard classes mentioned in section 3:

Flam. Liq. 2	: Flammable liquid, category 2.
Acute Tox. 4	: Acute toxicity, category 4.
Skin Irrit. 2	: Skin irritation, category 2.
Eye Dam. 1	: Serious eye damage, category 1.
Eye Irrit. 2	: Eye irritation, category 2.
Skin Sens. 1/1A/1B	: Skin sensitization, category 1/1A/1B.
STOT SE 3	: Specific target organ toxicity after single exposure, category 3.
STOT RE 1	: Specific target organ toxicity — repeated exposure, category 1.
STOT RE 2	: Specific target organ toxicity — repeated exposure, category 2.
Asp. Tox. 1	: Aspiration hazard, category 1.
Aquatic Chronic 1	: Hazardous to the aquatic environment — Chronic category 1.
Aquatic Chronic 2	: Hazardous to the aquatic environment — Chronic category 2.
Aquatic Chronic 3	: Hazardous to the aquatic environment — Chronic category 3.
Aquatic Acute 1	: Hazardous to the aquatic environment — Acute category 1.

Full text of H-phrases mentioned in section 3:

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H330	Fatal if inhaled.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Advice on any training appropriate for workers: none.

Country / Language code : GB / EN
Number format : "," used as decimal separator.

End of safety data sheet.