



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

**1.1. Product identifier**

Product name : LIMPRO TOILET PERFUME BLOCK COTTON FRESH - BLOCK  
Product code : LP6V100  
UFI : 3T70-U0DN-5005-V9H2

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

Application : SU21 Consumer product. PC35 Cleaning agent. Toilet cleaners.

**1.3. Details of the supplier of the safety data sheet**

Supplier : Dovox B.V.  
Computerweg 3  
3542 DP UTRECHT, The Netherlands  
Telephone : +31-30-7116 824  
E-mail : info@dovox.nl  
Website : www.dovox.nl

**1.4. Emergency telephone number**

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:  
NL - Telephone : +31-30-7116 824 (During office hours only)

**SECTION 2 HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

CLP classification : Skin irritation, category 2. Serious eye damage, category 1.  
(1272/2008/EC)  
Human health hazards : Causes skin irritation. Causes serious eye damage. May produce an allergic reaction.  
Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives.  
Environmental hazards : Not classified as dangerous according to statutory EC-Directives.

**2.2. Label elements**

Label elements (1272/2008/EC):

Hazard pictograms :



Signal word : Danger

H- and P-phrases : H315 Causes skin irritation.  
H318 Causes serious eye damage.  
EUH208 Contains ... May produce an allergic reaction. Reference is made to additional labelling for full text of EUH208\*.  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 hands eyes Wear protective gloves and eye protection.  
P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
+P338

P310 Immediately call a POISON CENTER/doctor.

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



Signal word : Danger

H- and P-phrases : H318 Causes serious eye damage.  
EUH208 Contains ... May produce an allergic reaction. Reference is made to additional labelling for full text of EUH208\*.

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 eyes Wear eye protection/face protection.  
P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
+ P338  
P310 Immediately call a POISON CENTER/doctor.

Additional labelling (for all packaging sizes)

: Contains: Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide ; Alcohols, C12-14, ethoxylated ; D-Glucopyranose, oligomers, decyl octyl glycosides . \* Contains alpha-Hexylcinnamaldehyde ; 4-tert-Butylcyclohexyl acetate . May produce an allergic reaction.

Ingredient declaration according to Regulation EC 648/2004:

Contains:	Concentration (%)
Anionic surfactants	15 - 30
Non-ionic surfactants	5 - 15
Perfumes, Hexyl cinnamal, Linalool, Alpha-isomethyl ionone, Benzyl salicylate, Methylchloroisothiazolinone, Methylisothiazolinone.	

### 2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%. Human health: The mixture 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: The mixture 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.
Sodium chloride	50 - 75	7647-14-5	231-598-3	MAC	
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	10 - < 20	-----	932-051-8		01-2119565112-48
Sodium carbonate	5 - < 10	497-19-8	207-838-8		01-2119485498-19
Alcohols, C12-14, ethoxylated	1 - < 3	68439-50-9	500-213-3		



D-Glucopyranose, oligomers, decyl octyl glycosides	1 - < 3	68515-73-1	500-220-1		
alpha-Hexylcinnamaldehyde	0,1 - < 1	101-86-0	202-983-3		
4-tert-Butylcyclohexyl acetate	0,1 - < 1	32210-23-4	250-954-9		

Substance name	Hazard Class	H-phrases	Pictograms	
Sodium chloride	----	----	----	
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	Skin Irrit. 2; Eye Dam. 1; Aquatic Chronic 3	H315; H318; H412	GHS05	
Sodium carbonate	Eye Irrit. 2	H319	GHS07	
Alcohols, C12-14, ethoxylated	Acute Tox. 4; Eye Dam. 1; Aquatic Chronic 3	H302; H318; H412	GHS05; GHS07	M (acute) = 1
D-Glucopyranose, oligomers, decyl octyl glycosides	Eye Dam. 1	H318	GHS05	
alpha-Hexylcinnamaldehyde	Skin Sens. 1B; Aquatic Acute 1; Aquatic Chronic 2	H317; H400; H411	GHS07; GHS09	M (acute) = 1
4-tert-Butylcyclohexyl acetate	Skin Sens. 1B	H317	GHS07	

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 : Not applicable.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water before product dries up. Consult a doctor if irritation occurs.
- Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor immediately.
- Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Give condensed milk or a knob of butter. 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 : No specific effects and/or symptoms are known.
- Skin contact : Irritant. May produce an allergic reaction. May cause dry skin.
- Eye contact : Strongly irritant. Irreversible effects on the eye/serious damage to eyes. May cause redness and severe pain.
- Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

### 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 : Carbondioxide (CO2). Foam. Dry chemical. Water fog.



Not suitable : Use of heavy stream of water may spread fire.

### 5.2. Special hazards arising from the substance or mixture

Special exposure hazards : None known.  
Hazardous thermal decomposition 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.

### 6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. Large scale discharge causing a very high pH may impair the biological system in sewage plants. Inform the official bodies if necessary.  
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. Dispose at an authorised waste collection point. Wash away remainder with plenty of water.

### 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. Avoid contact with skin and eyes. Wear protective clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep frost-free, in a cool, dry and well-ventilated place.  
Recommended packaging : Keep only in the original container.  
Non recommended packaging : Steel (except stainless steel).

### 7.3. Specific end use(s)

Use : Use only as directed. Do not mix with other products.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters



# SAFETY DATA SHEET

According to Regulation (EU) No 2020/878

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/m<sup>3</sup>):

Chemical name	Country	TWA 8 hour (mg/m <sup>3</sup> )	STEL 15 min (mg/m <sup>3</sup> )	Comments	Source
Sodium chloride		10	-	-	Supplier, Industrial Hygiene Guidelines
Sodium carbonate		1	3		
Sodium sulphate		10	-		MAC: LT

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
Sodium chloride	Dermal		295,52 mg/kg bw		295,52 mg/kg bw/day
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	Inhalation		2068,62 mg/m <sup>3</sup>		2068,62 mg/m <sup>3</sup>
	Dermal				170 mg/kg bw/day
Sodium carbonate	Inhalation			10 mg/m <sup>3</sup>	12 mg/m <sup>3</sup>
	Inhalation				420 mg/m <sup>3</sup>
D-Glucopyranose, oligomers, decyl octyl glycosides	Dermal				595000 mg/kg bw/day
	Inhalation	6,28 mg/m <sup>3</sup>			0,078 mg/m <sup>3</sup>
alpha-Hexylcinnamaldehyde	Dermal			0,525 mg/kg bw/day	18,2 mg/kg bw/day
	Inhalation	0,525 mg/kg bw			

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
Sodium chloride	Dermal		126,65 mg/kg bw		126,65 mg/kg bw/day
	Inhalation		443,28 mg/m <sup>3</sup>		443,28 mg/m <sup>3</sup>
	Oral		126,65 mg/kg bw		126,65 mg/kg bw/day
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	Dermal				85 mg/kg bw/day
	Inhalation			3 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>
Sodium carbonate	Oral				0,85 mg/kg bw/day
	Inhalation	10 mg/m <sup>3</sup>			124 mg/m <sup>3</sup>
D-Glucopyranose, oligomers, decyl octyl glycosides	Inhalation				357000 mg/kg bw/day
	Dermal				35,7 mg/kg bw/day
alpha-Hexylcinnamaldehyde	Inhalation	4,71 mg/m <sup>3</sup>			0,019 mg/m <sup>3</sup>
	Dermal	0,0787 mg/kg bw		0,0787 mg/kg bw/day	9,11 mg/kg bw/day
	Oral				0,056 mg/kg bw/day

Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
Sodium chloride	Water	5 mg/l		
	Intermittent water			19 mg/l
	STP			500 mg/l
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	Soil			4,86 mg/kg
	Water	0,268 mg/l	0,0268 mg/l	
	Sediment	8,1 mg/kg	8,1 mg/kg	
D-Glucopyranose, oligomers, decyl octyl glycosides	Intermittent water			0,055 mg/l
	STP			5,6 mg/l
	Soil			35 mg/kg
alpha-Hexylcinnamaldehyde	Water	0,176 mg/l	0,0176 mg/l	
	Sediment	1,516 mg/kg	0,152 mg/kg	
	Intermittent water			0,27 mg/l
4-tert-Butylcyclohexyl acetate	STP			1 mg/l
	Soil			0,654 mg/kg
	Oral			111,11 mg/kg food
4-tert-Butylcyclohexyl acetate	Water	0,001 mg/l		
	Sediment	3.2 mg/kg	0.064 mg/kg	
	Intermittent water			0,03 mg/l
4-tert-Butylcyclohexyl acetate	STP			10 mg/l
	Soil			0.398 mg/kg
	Oral			6.6 mg/kg food
4-tert-Butylcyclohexyl acetate	Water	0,0053 mg/l	0,00053 mg/l	
	Sediment	2,01 mg/kg	0,21 mg/kg	
	Intermittent water			0,053 mg/l
4-tert-Butylcyclohexyl acetate	STP			12,2 mg/l
	Soil			0,42 mg/kg
	Oral			66,76 mg/kg food

### 8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

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 for momentary use. Wear suitable protective clothing, overalls or suit, and similar boots in accordance with EN 365/367 resp. 345 in case of frequent or prolonged use and in case of large scale exposure. Suitable material: laminated film. Indication of permeation breakthrough time: 6 hours.

Respiratory protection : Take care of sufficient ventilation.

Hand protection : Wear appropriate safety gloves in accordance with EN 374. Suitable material: laminated film. ± 0,5 mm. Indication of permeation breakthrough time: 6 hours.

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	: Solid.	
Colour	: Blue.	
Odour	: Perfumed.	
Odour threshold	: Not known.	
pH	: Not applicable	Waterfree product.
Solubility in water	: Soluble.	
Partition coefficient (n-octanol/water)	: Not applicable.	Not measured. Not relevant for mixtures.
Flash point	: > 60 °C	Closed cup.
Flammability (solid, gas)	: Not applicable.	Liquid. See flashpoint.
Auto ignition temperature	: > 231 °C	
Boiling point/boiling range	: > 100 °C	
Melting point/melting range	: > 30 °C	
Explosive properties	: Not an explosive.	
Explosion limits (% in air)	: Not applicable.	
Oxidising properties	: Not applicable.	Does not contain oxidizing substances.
Decomposition temperature	: Not known.	
Viscosity (20°C)	: Not applicable.	Solid.
Vapour pressure (20°C)	: Very low.	Solid.
Relative vapour density	: > 1	(air = 1)
Relative density (20°C)	: Not known.	
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 : Reacts vigorously in contact with acids. Strong heat development possible.

### 10.4. Conditions to avoid

Conditions to avoid : See section 7.

### 10.5. Incompatible materials

Materials to avoid : Keep away from acids.

### 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 : Not applicable. No specific effects and/or symptoms are known.
- Corrosion/irritation : No specific effects and/or symptoms are known. 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 : Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

#### Skin contact

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Irritant. May cause redness. Prolonged contact may dry out and defat the skin.
- 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 : Risk of serious damage to eyes.

#### Ingestion

- Acute toxicity : Calculated LD50: > 2280 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Aspiration : Not classified - based on available data, the classification criteria are not met. Does not contain substances with an aspiration hazard.
- Corrosion/irritation : May cause a feeling of sickness, vomiting and diarrhoea.
- Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.
- Reprotoxicity : Development: Not expected to be reprotoxic. 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
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	LD50 (dermal) - estimate	> 2000 mg/kg bw		Rat
	LD50 (oral)	> 2000 mg/kg bw	OECD 401	Rat
	Eye irritation	Irritant	OECD 405	Rabbit
	Skin irritation	Irritant	OECD 404	Rabbit
	Skin sensitisation - estimate	Not sensitizing		Guinea pig
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	LC50 (inhalation) - estimate	6410 mg/m3	Read across	Rat
	NOEL (carcinogenicity) - estimate	Not carcinogenic	Read across	
	NOAEL (oral) - estimate	85 mg/kg bw/d	Read across	Rat
	NOAEL (dermal) - estimate	> 500 mg/kg bw/d	Read across	Rat





# SAFETY DATA SHEET

According to Regulation (EU) No 2020/878

Alcohols, C12-14, ethoxylated	NOAEL (fertility) - estimate	350 mg/kg.d	Read across	Rat
	NOAEL (development) - estimate	300 mg/kg.d	Read across	Rat
	LD50 (dermal)	> 2000 mg/kg bw		Rat
	Mutagenicity	Not mutagenic	OECD 471	----
	LD50 (oral)	> 200 mg/kg bw	----	Rat
	Skin irritation	Non-irritant		Rabbit
	Skin sensitisation	Not sensitizing		Guinea pig
	Eye irritation	Severely irritant		Rabbit
	NOAEL (oral)	110 mg/kg bw/d	----	Rat
	NOAEL (fertility) - estimate	Not reprotoxic	Read across	
	NOEL (carcinogenicity) - estimate	Not carcinogenic	Read across	----
	NOAEL (development) - estimate	Not teratogenic	Read across	----
	D-Glucopyranose, oligomers, decyl octyl glycosides	Mutagenicity	Not mutagenic	
NOAEL (dermal)		540 mg/kg bw/d	----	Rabbit
NOAEL (fertility, oral)		1000 mg/kg bw/d	----	Rat
NOAEL (development, oral)		1000 mg/kg bw/d	----	Rat
Eye irritation		Highly irritant	----	----
Skin sensitisation		Not sensitizing	----	Guinea pig
Skin irritation		Moderately irritant	OECD 404	
LD50 (dermal)		> 2000 mg/kg bw	OECD 402	Rabbit
NOAEL (oral)		1000 mg/kg bw/d	----	Rat
Genotoxicity - in vitro		Not genotoxic	OECD 476	Mouse
Genotoxicity - in vivo		Not genotoxic	OECD 474	Mouse
LD50 (oral)		> 2000 mg/kg bw	OECD 423	Rat
alpha-Hexylcinnamaldehyde		NOAEL (development, oral)	100 mg/kg bw/d	OECD 421
	Genotoxicity - in vivo	Not genotoxic	OECD 474	
	Genotoxicity - in vitro	Not genotoxic	OECD 476	
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	Eye irritation	Non-irritant		Rabbit
	NOAEL (oral) - estimate	30 mg/kg bw/d	Read across	Rat
	LD50 (dermal)	> 3000 mg/kg bw	OECD 402	Rabbit
	LC50 (inhalation)	> 5000 mg/m3	OECD 403	Rat
	LD50 (oral)	> 2450 mg/kg bw	OECD 401	Rat
	Skin sensitisation	2372 ug/cm2	OECD 429	Mouse
	Skin irritation	Moderately irritant	OECD 404	Rabbit
	NOAEL (dermal)	25 mg/kg bw/d		Rat
	4-tert-Butylcyclohexyl acetate	LD50 (oral)	5000 mg/kg bw	----
LD50 (dermal)		> 5000 mg/kg bw		Rabbit
Eye irritation		Non-irritant		Rabbit
Skin irritation		Non-irritant		Rabbit
NOAEL (oral) - estimate		710 mg/kg bw/d	Read across	

## 11.2. Information on other hazards

Endocrine disrupting properties : The mixture 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.



Other information : Not applicable.

## SECTION 12 ECOLOGICAL INFORMATION

### 12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 2 mg/l. Calculated EC50 (waterflea): 2 mg/l. Contains 0 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Persistence – degradability : No specific information known. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.

### 12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

### 12.4. Mobility in soil

Mobility : If product enters soil, it will be highly mobile and may contaminate groundwater.

### 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 properties : The mixture 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.

### 12.7. Other adverse effects

Other adverse effects : Not applicable.

## SECTION 13 DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product residues : Do not dispose empty pack with waste produced by households. Containers should be recycled or re-used. Treat product residues and non-empty pack as hazardous waste.

Additional warning : None.

Waste water discharge : Avoid discharge of waste water arising from tank cleaning to the environment.

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. Regulation (EC) No 648/2004 (detergents). Directive 2008/98/EC (waste).

**15.2. Chemical safety assessment**

Chemical safety assessment : Not applicable.

**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 (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 : International Bulk Chemical Code  
IMDG : International Maritime Dangerous Goods Code  
LD50/LC50 : Lethal Dose/Concentration for 50% of a population



# SAFETY DATA SHEET

According to Regulation (EU) No 2020/878

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:

Skin Irrit. 2	: Calculation method.
Eye Dam. 1	: Calculation method.

Full text of hazard classes mentioned in section 3:

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.
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:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Advice on any training appropriate for workers: none.

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

End of safety data sheet.