

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Reference number: 2500299 Issue date: 7/25/2022 Revision date: 7/25/2022 Supersedes version of: 8/29/2017 Version: 7.1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

SECTION 1: Identification of the subs	trance/mixture and of the company/undertaking		
1.1. Product identifier			
Product form Product name Product code Product group	<ul> <li>Mixture</li> <li>POLTECH DELTACID FOAM</li> <li>2500299</li> <li>Trade product</li> </ul>		
1.2. Relevant identified uses of the substa	ance or mixture and uses advised against		
<b>1.2.1. Relevant identified uses</b> Industrial/Professional use spec	: Industrial For professional use only		
1.2.2. Uses advised against			
No additional information available			
1.3. Details of the supplier of the safety d			
Manufacturer Pollet S.A. Rue de la Grande Couture, 20 7501 Tournai-Doornik - Belgique-België T +32 69 22 21 21 - F +32 69 21 02 83 info@pollet.eu - http://www.pollet.eu			
1.4. Emergency telephone number			
Emergency number	: +32 70 245 245		
SECTION 2: Hazards identification 2.1. Classification of the substance or mixture			
Classification according to Regulation (EC) No			
Corrosive to metals, Category 1 Skin corrosion/irritation, Category 1, Sub-Category Full text of H-statements: see section 16	H290		
Adverse physicochemical, human health and e No additional information available	nvironmental effects		
2.2. Label elements			
Labelling according to Regulation (EC) No. 127 Hazard pictograms (CLP)			
Signal word (CLP) Contains Hazard statements (CLP)	<ul> <li>GHS05</li> <li>Danger</li> <li>PHOSPHORIC ACID; GLYCOLIC ACID</li> <li>H290 - May be corrosive to metals.</li> <li>H314 - Causes severe skin burns and eye damage.</li> </ul>		

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Precautionary statements (CLP)	<ul> <li>P280 - Wear protective gloves, eye protection.</li> <li>P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</li> <li>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.</li> <li>Rinse skin with water/shower.</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P310 - Immediately call a POISON CENTER, a doctor.</li> <li>P390 - Absorb spillage to prevent material damage.</li> </ul>

## 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

### Not applicable

## 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
PHOSPHORIC ACID substance with a Community workplace exposure limit	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24	5 – 15	Met. Corr. 1, H290 Skin Corr. 1B, H314
GLYCOLIC ACID	(CAS-No.) 79-14-1 (EC-No.) 201-180-5 (REACH-no) 01-2119485579-17	5 – 15	Acute Tox. 4 (Inhalation), H332 Skin Corr. 1B, H314 Eye Dam. 1, H318
DECETH-8	(CAS-No.) 26183-52-8	1 – 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
SODIUM C14-17 ALKYL SEC SULFONATE	(CAS-No.) 97489-15-1 (EC-No.) 307-055-2 (REACH-no) 01-2119489924-20	1 – 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
SODIUM DODECYLBENZENESULFONATE	(CAS-No.) 68411-30-3 (EC-No.) 270-115-0 (REACH-no) 01-2119489428-22	1 – 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
PEG-400 substance with a Community workplace exposure limit	(CAS-No.) 25322-68-3	1 – 5	Not classified
Dibutylhydrogenphosphate	(CAS-No.) 107-66-4 (EC-No.) 203-509-8	1 – 5	Skin Irrit. 2, H315 Eye Dam. 1, H318

Specific concentration limits:				
Name	Product identifier	Specific concentration limits		
PHOSPHORIC ACID	(CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24	( 10 ≤C < 25) Eye Irrit. 2, H319 ( 10 ≤C < 25) Skin Irrit. 2, H315 ( 25 ≤C < 100) Skin Corr. 1B, H314		
SODIUM C14-17 ALKYL SEC SULFONATE	(CAS-No.) 97489-15-1 (EC-No.) 307-055-2 (REACH-no) 01-2119489924-20	( 10 <c 15)="" 2,="" eye="" h319<br="" irrit.="" ≤="">( 10 <c 100)="" 2,="" <="" h315<br="" irrit.="" skin="">( 15 <c 1,="" 100)="" <="" dam.="" eye="" h318<br="">( 60 <c (oral),="" 100)="" 4="" <="" acute="" h302<="" td="" tox.=""></c></c></c></c>		

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SODIUM DODECYLBENZENESULFONATE	(CAS-No.) 68411-30-3 (EC-No.) 270-115-0	( 65 ≤C < 100) Acute Tox. 4 (Oral), H302
	(REACH-no) 01-2119489428-22	

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.	
First-aid measures after skin contact	: Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER/doctor.	
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.	
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.	
4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/effects	: Causes severe skin burns and eye damage.	
4.3. Indication of any immediate med	ical attention and special treatment needed	

No additional information available

SECTION 5: Firefighting measur	es
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	<ul><li>Foam. Dry powder. Carbon dioxide. Water spray. Sand.</li><li>Do not use a heavy water stream.</li></ul>
5.2. Special hazards arising from the	e substance or mixture
No additional information available	
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment Emergency procedures	<ul><li>Equip cleanup crew with proper protection.</li><li>Ventilate area.</li></ul>	
6.2. Environmental precautions		

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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6.3. Methods and material for containment and cleaning up							
	<b>.</b> .						

Methods for cleaning up

: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Absorb spillage to prevent material damage.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage				
7.1. Precautions for safe handling				
Additional hazards when processed Precautions for safe handling Hygiene measures	<ul> <li>May be corrosive to metals.</li> <li>Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not breathe dust/fume/gas/mist/vapours/spray.</li> <li>Wash hands, forearms and face thoroughly after handling. Wash contaminated clothing before reuse.</li> </ul>			
7.2. Conditions for safe storage, includi	ng any incompatibilities			
Technical measures Storage conditions	<ul> <li>Comply with applicable regulations.</li> <li>Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.</li> </ul>			
Incompatible products Incompatible materials Packaging materials	<ul> <li>Strong bases. Strong acids.</li> <li>Sources of ignition. Direct sunlight.</li> <li>Store in corrosive resistant container with a resistant inner liner.</li> </ul>			
7.3. Specific end use(s)				

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

## 8.1.1 National occupational exposure and biological limit values

PHOSPHORIC ACID (7664-38-2)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Orthophosphoric acid	
IOEL TWA	1 mg/m³	
IOEL STEL	2 mg/m³	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
Belgium - Occupational Exposure Limits		
Local name	Acide phosphorique # Fosforzuur	
OEL TWA	1 mg/m³	
OEL STEL	2 mg/m³	
Regulatory reference	Koninklijk besluit/Arrêté royal 19/11/2020	
France - Occupational Exposure Limits		
Local name	Acide phosphorique	
VME (OEL TWA)	1 mg/m³	
VME (OEL TWA) [ppm]	0.2 ppm	

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PHOSPHORIC ACID (7664-38-2)		
VLE (OEL C/STEL)	2 mg/m³	
VLE (OEL C/STEL) [ppm]	0.5 ppm	
Note (FR)	Valeurs règlementaires indicatives	
Regulatory reference	Arrêté du 30 juin 2004 modifié (réf.: INRS ED 984, 2016)	

PEG-400 (25322-68-3)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	10 mg/m <sup>3</sup>

Dibutylhydrogenphosphate (107-66-4)		
France - Occupational Exposure Limits		
Local name Phosphate de dibutyle		
VME (OEL TWA)	5 mg/m³	
VME (OEL TWA) [ppm] 1 ppm		
Note (FR)	Valeurs recommandées/admises	
Regulatory reference Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)		

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

## 8.2.2. Personal protection equipment

### Personal protective equipment:

Avoid all unnecessary exposure.

#### 8.2.2.1. Eye and face protection

Eye protection:	
Chemical goggles or face shield	
8.2.2.2. Skin protection	
Skin and body protection:	
Wear suitable protective clothing	

#### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

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#### **Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

## **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

1.7		
Physical state	:	Liquid
Colour	:	Colourless.
Appearance	:	Liquid.
Odour	:	characteristic.
Odour threshold	:	Not available
Melting point	:	Not available
Freezing point	:	Not available
Boiling point	:	Not available
Flammability	:	Non flammable.
Explosive limits	:	Not available
Lower explosive limit (LEL)	:	Not available
Upper explosive limit (UEL)	:	Not available
Flash point	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
рН	:	≤ 1
pH solution	:	1.5 (1 – 2) (1%)
Viscosity, kinematic	:	Not available
Solubility	:	Soluble in water.
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	Not available
Vapour pressure at 50 °C	:	Not available
Density	:	1160 (1055 – 1065) g/l
Relative density	:	1.16 (1.055 – 1.065)
Relative vapour density at 20 °C	:	Not available
Particle size	:	Not applicable
Particle size distribution	:	Not applicable
Particle shape	:	Not applicable
Particle aspect ratio	:	Not applicable
Particle aggregation state	:	Not applicable
Particle agglomeration state	:	Not applicable
Particle specific surface area	:	Not applicable
Particle dustiness	:	Not applicable

### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Thermal decomposition generates : Corrosive vapours.

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### **10.2. Chemical stability**

#### Not established.

10.3. Possibility of hazardous reactions

Not established.

**10.4. Conditions to avoid** 

Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials** 

Strong acids. Strong bases. metals. May be corrosive to metals.

**10.6. Hazardous decomposition products** 

fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapours.

SECTION 11: Toxicological information
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

PHOSPHORIC ACID (7664-38-2)	
LD50 oral	1530 mg/kg bodyweight
LD50 dermal	2740 mg/kg bodyweight

GLYCOLIC ACID (79-14-1)	
LD50 oral	2040 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	2520 mg/l

SODIUM C14-17 ALKYL SEC SULFONATE (97489-15-1)	
LD50 oral	> 500 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight

SODIUM DODECYLBENZENESULFONATE (68411-30-3)		
LD50 oral	1080 mg/kg bodyweight	
LD50 dermal	> 2000 mg/kg bodyweight	
Skin corrosion/irritation	: Causes severe skin burns. pH: ≤ 1	
Serious eye damage/irritation	: Assumed to cause serious eye damage pH: ≤ 1	
Respiratory or skin sensitisation	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	
Germ cell mutagenicity	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	
Carcinogenicity	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	
Reproductive toxicity	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	

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STOT-single exposure Additional information	<ul><li>Not classified</li><li>Based on available data, the classification criteria are not met</li></ul>
STOT-repeated exposure Additional information	<ul><li>Not classified</li><li>Based on available data, the classification criteria are not met</li></ul>
Aspiration hazard Additional information	<ul><li>Not classified</li><li>Based on available data, the classification criteria are not met</li></ul>
11.2. Information on other hazards	

## 11.2.1. Endocrine disrupting properties

## 11.2.2 Other information

Potential adverse human health effects and	: Based on available data, the classification criteria are not met
symptoms	

SECTION 12: Ecological information		
12.1. Toxicity		

Hazardous to the aquatic environment, short-term	: Not classified
(acute)	
Hazardous to the aquatic environment, long-term	: Not classified
(chronic)	

PHOSPHORIC ACID (7664-38-2)	
EC50 - Other aquatic organisms [1]	> 100 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 100 mg/l

GLYCOLIC ACID (79-14-1)	
LC50 - Fish [1]	164 mg/l
EC50 - Other aquatic organisms [1]	141 mg/l waterflea

SODIUM C14-17 ALKYL SEC SULFONATE (97489-15-1)	
LC50 - Fish [1]	> 1 mg/l
EC50 - Other aquatic organisms [1]	9.81 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 61 mg/l

SODIUM DODECYLBENZENESULFONATE (68411-30-3)		
LC50 - Fish [1]	1.67 mg/l	
EC50 - Other aquatic organisms [1]	2.9 mg/l waterflea	
EC50 - Other aquatic organisms [2]	127.9 mg/l	
12.2. Persistence and degradability		

POLTECH DELTACID FOAM		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
POLTECH DELTACID FOAM		
Bioaccumulative potential	Not established.	

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PHOSPHORIC ACID (7664-38-2)		
Partition coefficient n-octanol/water (Log Pow)	-0.77	
GLYCOLIC ACID (79-14-1)		
Partition coefficient n-octanol/water (Log Pow)	-1.1	
SODIUM DODECYLBENZENESULFONATE (6	8411-30-3)	
Partition coefficient n-octanol/water (Log Pow)	3.32	
PEG-400 (25322-68-3)		
Partition coefficient n-octanol/water (Log Pow)	-2.57	
Dibutylhydrogenphosphate (107-66-4)		
Partition coefficient n-octanol/water (Log Pow)	0.6 – 2.29	
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		
No additional information available		
12.6. Endocrine disrupting properties		
No additional information available		
12.7. Other adverse effects		
Additional information :	Avoid release to the environment.	
SECTION 13: Disposal considerations		

13.1. Waste treatment methods	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	: Avoid release to the environment.

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number	
UN-No. (ADR) UN-No. (IMDG)	: UN 3265 : UN 3265
UN-No. (IATA) UN-No. (ADN) UN-No. (RID)	: UN 3265 : UN 3265 : UN 3265
14.2. UN proper shipping name	
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA)	<ul> <li>CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.</li> <li>CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.</li> <li>Corrosive liquid, acidic, organic, n.o.s.</li> </ul>

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Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR) Transport document description (IMDG) Transport document description (IATA) Transport document description (ADN)	<ul> <li>CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.</li> <li>CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.</li> <li>UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, III, (E)</li> <li>UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, III</li> <li>UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, III</li> <li>UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, III</li> <li>UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, III</li> </ul>
Transport document description (RID)	: UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, III

### 14.3. Transport hazard class(es)

ADR	
APIN	

IMDG

ΙΑΤΑ

ADN

RID

Transport hazard class(es) (ADR) Danger labels (ADR)

Transport hazard class(es) (IMDG)

Transport hazard class(es) (IATA)

Transport hazard class(es) (ADN)

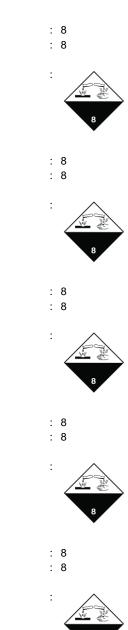
Transport hazard class(es) (RID)

Danger labels (IMDG)

Danger labels (IATA)

Danger labels (ADN)

Danger labels (RID)



## 14.4. Packing group

:	Ш
:	Ш
:	Ш
:	Ш
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Manine pullamit: NoOther information: No supplementary information available14.6. Special proceations for userClassification code (ADR): C3Special provisions (ADR): 274Linned quantities (ADR): E1Exclusion code (ADR): E1Paching instructions (ADR): E1Paching instructions (ADR): P01, IBC03, LP01, R001Marel packing provisions (ADR): T11, TP28Protable tark and buik container instructions (ADR): T11, TP28Tark code (ADR): LBNNProtable tark and buik container instructions (ADR): T23, P24, P24, P24, P24, P24, P24, P24, P24	14.5. Environmental hazards	
Other Information         : No supplementary information available           It.6.Sepcial processions for user           Overland transport         : C3           Special provisions (ADR)         : C3           Special provisions (ADR)         : S1           Excepted quantities (ADR)         : E1           Packing instructions (ADR)         : P07, IEC03, LP01, R001           Meed packing provisions (ADR)         : MP19           Portable tark and bulk container sepcial provisions         : TP1, TP28           Tank code (ADR)         : LéBN           Valide for Anc carriage         : AT           Tans code (ADR)         : S0           Special provisions (ADR)         : 80           Orange plates         : S0           Tons port cotegory (ADR)         : 80           Orange plates         : S0           Tonsport by sea         : S1           Special provisions (MDC)         : S1           Excepted quantities (IMDC)         : S1           Packing instructions (IMDQ)         : S1           EmsAho (Fine)         : FA           Packing instructions (IMDQ)         : S1           EmsAho (Fine)         : S4           Browsport (IMDG)         : S4           Browsport (IMDG)	Dangerous for the environment	: No
A4.5. Special processions for user         Overland transpot         Classification code (ADR)       : C3         Special provisions (ADR)       : S1         Excepted quantities (ADR)       : S1         Excepted quantities (ADR)       : D1         Packing instructions (ADR)       : P001, IBC03, LP01, R001         Mixed packing provisions (ADR)       : TP1, TP28         (ADR)       : TP1, TP28         (ADR)       : L4BN         Vehicle for tank carriage       : AT         Transport category (ADR)       : Y12         Hazard dentification number (Kamler No.)       : B0         Orange plates       : B0         Transport category (ADR)       : 223, 274         Limited quantities (IMDG)       : E         Transport stepsed (INDR)       : 223, 274         Limited quantities (IMDG)       : E         Transport stepsed (INDR)       : E         Transport stepsed (INDR)       : E         Trans special provisions (IMDG)       : FA         Packing instructions (IMDG)       : FA         Benchon, (Singlikep)       : S-B         Stowage and handing (IMDG)       : Train special provisions (IMDG)         : Tark special provisions (IMDG)       : TP1, TP28	Marine pollutant	: No
Constraint on code (ADR)         :         C3           Special provisions (ADR)         :         274           Limited quantities (ADR)         :         51           Excepted quantities (ADR)         :         191           Packing instructions (ADR)         :         P001, IRCO3, P01, R001           Miked packing provisions (ADR)         :         TP1, TP28           Portable tark and bulk container instructions (ADR)         :         TP1, TP28           (ADR)         :         IP1, TP28           (ADR)         :         IP1, TP28           (ADR)         :         3           Special provisions for carriage         :         AT           Transport category (ADR)         :         12           Special provisions for carriage         :         20           Orange plates         :         80           Tank code (ADR)         :         12           Valued Identification code (ADR)         :         12           Special provisions (IMDG)         :         2           Tank special provisions (IMDG)         :         12           Special provisions (IMDG)         :         12           Tank special provisions (IMDG)         :         12	Other information	: No supplementary information available
Classification code (ADR) : C3 Special provisions (ADR) : 274 Limited quantities (ADR) : 274 Excepted quantities (ADR) : PO1. IBC03. LP01, R001 Mixed packing provisions (ADR) : PO1. IBC03. LP01, R001 Mixed packing provisions (ADR) : PO1. IBC03. LP01, R001 Mixed packing provisions (ADR) : T7 Portable tank and bulk container instructions (ADR) : T7P2 Portable tank and bulk container instructions (ADR) : T7P2 Portable tank and bulk container instructions (ADR) : T7P3 Vibile of rains carriage : L48N Vibile of rains carriage : Packages (ADR) : 148N Vibile of rains carriage : Packages (ADR) : 148N Vibile of rains carriage : Packages (ADR) : 142 Hazard identification number (Kemler No.) : 80 Orange plates : 232, 274 Limoted quantities (MDG) : 2 51 Excepted quantities (MDG) : 5 51 Excepted quantities (MDG) : 5 51 Excepted quantities (MDG) : 150 Hinted quantities (MDG) : 150 Hinted quantities (MDG) : 157 Tark isstructions (MDG) : 157 Tark isstructions (MDG) : 157 Tark isstructions (MDG) : 157 Tark septed provisions (MDG) : 258 Siowage category (MDK) : 258 Siowage category (MDK) : 258 Siowage category (MDK) : 258 Siowage category (MDK) : 258 Category (MDK) : 258	14.6. Special precautions for user	
Special provisions (ADR): 274Encapted quantities (ADR): 51Excapted quantities (ADR): 51Packing instructions (ADR): MP19Portable tank and bulk container instructions (ADR): TP1, TP28ATAK code (ADR): LHBNVehicle for tank carriage: ATTank code (ADR): JE1Vehicle for tank carriage: ATTansport category (ADR): V12Hazard dentification number (Kemler No.): 80Orange plates: BSpecial provisions for carriage - Packages (ADR): 223, 274Unnel restriction code (ADR): ETansport category (MDG): 5LEccapted quantities (IMDG): 5LEccapted quantities (IMDG): 100, 1001Bécal provisions (IMDG): 5LEccapted quantities (IMDG): 100, 1001Bécal provisions (IMDG): 100, 1001Bécal provisions (IMDG): 5AEmsAvo. (ping): 5AEmsAvo. (ping): 5AStowage category (IMDG): 7TTank special provisions (IMDG): 5AStowage category (IMDG): 5ACategory quantities (ATA): 6A <td>Overland transport</td> <td></td>	Overland transport	
Limited quantities (ADR): 51Packing instructions (ADR): PO1, IBC03, LP01, R001Mixed packing provisions (ADR): PO1, IBC03, LP01, R001Mixed packing provisions (ADR): TTPortable tank and bulk container special provisions: TTPortable tank and bulk container special provisions: TTTank code (ADR): L4BNVehicle for tank carriage: ATTransport otategory (ADR): 3Special provisions for carriage - Packages (ADR): 30Orange plates: 80332665: 30Tunnal restriction code (ADR): 80Carriage plates: 223, 274Tunnal restriction code (ADR): 6 LExcepted quantities (MDG): 6 LExcepted quantities (MDG): 6 LExcepted quantities (MDG): 177Tank instructions (MDG): 177Tank instructions (MDG): 174Tank instructions (MDG): 180Stowage category (MIGG): 54Stowage category (MIGG): 54Cat		
Excepted quantiles (ADR) : E H Packing instructions (ADR) : POOI, IECO3, LPOI, ROO1 Mixed packing provisions (ADR) : IPOI, IECO3, LPOI, ROO1 Mixed packing provisions (ADR) : TPI, TP28 Portable tank and buk container spacial provisions : TPI, TP28 (ADR) : IIPOI, TP28 (ADR) : IAPOI, TP28 Transport degregory (ADR) : IAPOI, TP28 Special provisions for carriage - Package (ADR) : III2 Azard dentification number (Kemier No.) : 8 Conage plates : I Special provisions for Carriage - Package (ADR) : III2 Azard dentification number (Kemier No.) : E Transport degregory (ADR) : IE Transport degregory (IMDG) : IE Transport degregory (IMDG) : IE IIII IIII (IMDG) : IE IIIIIIIIII (IMDG) : ICON : IE IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		
Packing previous (ADP)         : M01, IEC03, LP01, R001           Mixed packing previous (ADR)         : MP19           Portable tank and bulk container instructions (ADR)         : T7           Portable tank and bulk container special provisions         : TP1, TP28           Oko (ADR)         : L4BN           Tank code (ADR)         : AT           Tank socie (ADR)         : 3           Special provisions for carriage - Packages (ADR)         : 90           Orange plates         : 80           Tanks pool provisions (IMDG)         : 22, 274           Linnel quantities (IMDG)         : 61           Excepted quantities (IMDG)         : 61           Excepted quantities (IMDG)         : 177           Tank special provisions (IMDG)         : 174           EnsNo. (Spilage)         : FP1, TP28           EmsNo. (Spilage)         : FA           Social provisions (IMDG)         : E1           Packing instructions (IMDG)         : Guosa           Tank special provisions (IMDG)         : Guosa           Tank special provisions (IMDG)         : Guosa           EmsNo. (Fire)         : FA           EmsNo. (Fire)         : Sa           Stowage and handing (IMDG)         : Sa           Stowage and handiting max extru		
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Portable tank and buk container special provisions         IP1, TP28           Tank code (ADR)         I L4BN           Vehicle for tank carriage         A T           Tansport category (ADR)         V12           Bacal provisions for carriage - Packages (ADR)         V12           Hazard identification number (Kemler No.)         80           Orange plates         Image Category (ADR)           Special provisions (MDG)         E           Transport by sea         E           Special provisions (MDG)         5 L           Excepted quantities (IMDG)         5 L           Excepted quantities (IMDG)         1001, LP01           IBC packing instructions (IMDG)         1001, LP01           IBC packing instructions (IMDG)         1000, SP           Tank ispecial provisions (IMDG)         1000, SP           Stowage category (IMDG)         5 VI1, TP28           EmS-No, (Fing)         1000, SP           Stowage category (IMDG)         5 A           Stowage category (IMDG)         5 SP           Stowage category (IMDG)         5 C           CAT rank istructions (IMDG)         5 C           CAT rank istructions (IMDG)         5 L           Propenies and observations (IMDG)         5 L           CAT rank equant		
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Special provisions for carriage - Packages (ADR)         : V12           Hazard identification number (Kemler No.)         : 80           Orange plates         : 80           Tunnel restriction code (ADR)         : E           Tansport by sea         : 23, 274           Special provisions (IMDG)         : 5 L           Excepted quantities (IMDG)         : 5 L           Excepted quantities (IMDG)         : E I           Packing instructions (IMDG)         : BC03           Tank port by sea         : 1           Packing instructions (IMDG)         : E I           Packing instructions (IMDG)         : BC03           Tank instructions (IMDG)         : TP1, TP28           EmS-No. (File)         : S-A           Stowage category (IMDG)         : SW2           Properties and observators (IMDG)         : SW2           Properties and bandling (IMDG)         : SW2           Produities (IATA)         : SW2           Produities (IATA)         : SW2           Produities (IATA)         : SW2           PCA Excepted quantities (IATA)         : SK	Vehicle for tank carriage	
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Orange plates       :       80         3265         Tunnel restriction code (ADR)       :       E         Tansport by sea       :       23, 274         Special provisions (IMDG)       :       223, 274         Limited quantities (IMDG)       :       21, 223, 274         Excepted quantities (IMDG)       :       E1         Packing instructions (IMDG)       :       P101, LP01         BC packing instructions (IMDG)       :       P104, P128         EmS-No. (File)       :       F-A         EmS-No. (Spillage)       :       S-B         Stowage and postorism (IMDG)       :       SW2         Properties and observations (IMDG)       :       SW2         Properties and observations (IMDG)       :       Y841         PCA Excepted quantities (IATA)       :       E1         PCA Excepted quantities (IATA)       :       Y841         PCA Limited quantity max net quantity (IATA)       :       Y841         PCA axet quantity (IATA)       :       SU         PCA packing instructions (IATA)       :       SU         PCA axet quantity max net quantity (IATA)       :       SU         PCA axet quantity (IATA)       :       SU <tr< td=""><td></td><td></td></tr<>		
SU         Tunnel restriction code (ADR)       :         E         Transport by set         Special provisions (IMDG)       :         Limited quantities (IMDG)       :         Packing instructions (IMDG)       :         PCA Excepted quantities (ATA)       :         PCA Limited quantities (ATA)       :         PCA instructions (IATA)       :         PCA instructions (IATA)       :         PC		
Tansport by sea         Special provisions (IMDG)       :       5 L         Excepted quantities (IMDG)       :       5 L         Excepted quantities (IMDG)       :       F1         Packing instructions (IMDG)       :       P001, LP01         IBC packing instructions (IMDG)       :       IBC033         Tank instructions (IMDG)       :       T7         Tank special provisions (IMDG)       :       TP1, TP28         EmS-No. (Fire)       :       F-A         EmS-No. (Spillage)       :       S-B         Stowage category (IMDG)       :       SW2         Properties and observations (IMDG)       :       SW2         Properties and observations (IMDG)       :       SW2         PCA Excepted quantities (IATA)       :       E1         PCA Limited quantities (IATA)       :       SU         PCA initied quantities (IATA)       :       SU	Orange plates	80
Special provisions (IMDG)         : 23, 274           Limited quantities (IMDG)         : 5 L           Excepted quantities (IMDG)         : P001, LP01           Packing instructions (IMDG)         : IBC03           Tank instructions (IMDG)         : T7           Tank instructions (IMDG)         : TP1, TP28           EmS-No, (Fire)         : F-A           EmS-No, (Spillage)         : S-B           Stowage category (IMDG)         : SW2           Properties and observations (IMDG)         : SW3           PCA Excepted quantities (IATA)         : E1           PCA Excepted quantities (IATA)         : SU3           PCA Excepted quantities (IATA)         : SU3           PCA Excepted quantity (IATA)         : SU3           PCA max net quantity (IATA)         : SU3           PCA max net quantity (IATA)         : SU3           PCA max net quantity (IATA)         : 60L           Special provisions (IATA)         : 826           CAO packing instructions (IATA)         : 826           PCA max net quantity (IATA)         : 60L           Sp	Tunnel restriction code (ADR)	: E
Special provisions (IMDG)         : 23, 274           Limited quantities (IMDG)         : 5 L           Excepted quantities (IMDG)         : P001, LP01           Packing instructions (IMDG)         : IBC03           Tank instructions (IMDG)         : T7           Tank instructions (IMDG)         : TP1, TP28           EmS-No, (Fire)         : F-A           EmS-No, (Spillage)         : S-B           Stowage category (IMDG)         : SW2           Properties and observations (IMDG)         : SW3           PCA Excepted quantities (IATA)         : E1           PCA Excepted quantities (IATA)         : SU3           PCA Excepted quantities (IATA)         : SU3           PCA Excepted quantity (IATA)         : SU3           PCA max net quantity (IATA)         : SU3           PCA max net quantity (IATA)         : SU3           PCA max net quantity (IATA)         : 60L           Special provisions (IATA)         : 826           CAO packing instructions (IATA)         : 826           PCA max net quantity (IATA)         : 60L           Sp	Transport by sea	
Excepted quantities (IMDG)         : E1           Packing instructions (IMDG)         : P001, LP01           IBC packing instructions (IMDG)         : IBC03           Tank instructions (IMDG)         : T7           Tank special provisions (IMDG)         : TP1, TP28           EmS-No. (Frie)         : F-A           EmS-No. (Frie)         : S-B           Stowage and handling (IMDG)         : SW2           Properties and observations (IMDG)         : Causes burns to skin, eyes and mucous membranes.           Air transport         : E1           PCA Excepted quantities (IATA)         : V841           PCA Limited quantities (IATA)         : V841           PCA Limited quantities (IATA)         : Stacepted quantities (IATA)           PCA Limited quantity max net quantity (IATA)         : 1L           PCA packing instructions (IATA)         : 852           PCA max net quantity (IATA)         : 856           CAO max net quantity (IATA)         : 60L           Special provisions (IATA)         : 82           PCA limited quantities (ADN)         : 61           Cassification code (ADN)         : C3           Special provisions (IATA)         : 82           Excepted quantities (ADN)         : 51           Cassification code (ADN)	Special provisions (IMDG)	: 223, 274
Packing instructions (IMDG)         : P001, LP01           IBC packing instructions (IMDG)         : IBC03           Tank instructions (IMDG)         : T7           Tank special provisions (IMDG)         : FA           EmS-No. (Fire)         : FA           EmS-No. (Spillage)         : SB           Stowage category (IMDG)         : A           Stowage and handling (IMDG)         : SW2           Properties and observations (IMTA)         : E1           PCA Excepted quantities (IATA)         : Y841           PCA packing instructions (IATA)         : 852           PCA packing instructions (IATA)         : 80	Limited quantities (IMDG)	: 5L
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Tank instructions (IMDG)       :       T7         Tank special provisions (IMDG)       :       TP1, TP28         EmS-No. (Fire)       :       F-A         EmS-No. (Fire)       :       S-B         Stowage category (IMDG)       :       A         Stowage and handling (IMDG)       :       SW2         Properties and observations (IMDG)       :       Causes burns to skin, eyes and mucous membranes.         Air transpot       .       .       Y841         PCA Excepted quantities (IATA)       :       Y841         PCA imited quantity max net quantity (IATA)       :       11.         PCA packing instructions (IATA)       :       852         PCA max net quantity (IATA)       :       856         CAO packing instructions (IATA)       :       856         CAO max net quantity (IATA)       :       81         PCA excepted quantity max net quantity (IATA)       :       81         Special provisions (IATA)       :       852         PCA max net quantity (IATA)       :       81         CAO max net quantity (IATA)       :       81         ERG code (IATA)       :       82         Imade quantity max net quantity (IATA)       :       81	Packing instructions (IMDG)	: P001, LP01
Tank special provisions (IMDG)       :       TP1, TP28         EmS-No. (Fire)       :       F-A         EmS-No. (Spillage)       :       S-B         Stowage category (IMDG)       :       SW2         Properties and observations (IMDG)       :       SW2         Properties and observations (IMDG)       :       Causes burns to skin, eyes and mucous membranes.         Air transport       .       Causes burns to skin, eyes and mucous membranes.         PCA Excepted quantities (IATA)       :       Causes burns to skin, eyes and mucous membranes.         PCA Excepted quantities (IATA)       :       Y841         PCA burnited quantities (IATA)       :       Y841         PCA and quantity max net quantity (IATA)       :       1L         PCA packing instructions (IATA)       :       852         PCA max net quantity (IATA)       :       60L         Special provisions (IATA)       :       856         CAO packing instructions (IATA)       :       80         PGA exace (IATA)       :       60L         Special provisions (ADN)       :       Ca         Special provisions (ADN)       :       Ca         Special provisions (ADN)       :       Ca         Special provisions (ADN)	IBC packing instructions (IMDG)	
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EmS-No. (Spillage)         :         S-B           Stowage category (IMDG)         :         A           Stowage and handling (IMDG)         :         SW2           Properties and observations (IMDG)         :         Causes burns to skin, eyes and mucous membranes.           Air transport         :         E1           PCA Excepted quantities (IATA)         :         E1           PCA Limited quantities (IATA)         :         Y841           PCA packing instructions (IATA)         :         S2           PCA packing instructions (IATA)         :         S2           PCA packing instructions (IATA)         :         S52           PCA max net quantity (IATA)         :         S56           CAO max net quantity (IATA)         :         S61           Special provisions (IATA)         :         81           PCA diaget partity (IATA)         :         S1           ERG code (IATA)         :         81           Imand waterway transport         :         S1           Classification code (ADN)         :         C3           Special provisions (ADN)         :         C3           Imited quantities (ADN)         :         C3           Special provisions (ADN)         : </td <td></td> <td></td>		
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PCA Excepted quantities (IATA)       :       E1         PCA Limited quantities (IATA)       :       Y841         PCA limited quantity max net quantity (IATA)       :       1L         PCA packing instructions (IATA)       :       852         PCA max net quantity (IATA)       :       5L         CAO packing instructions (IATA)       :       856         CAO max net quantity (IATA)       :       60L         Special provisions (IATA)       :       81         Inland waterway transport       :       81         Classification code (ADN)       :       C3         Special provisions (IADN)       :       5 L         Carriage permitted (ADN)       :       5 L         Excepted quantities (ADN)       :       5 L         Equipment required (ADN)       :       5 L         Equipment required (ADN)       :       7 H         Required (ADN)       :       7 H         Ruber of blue cones/lights (ADN)       :       0         Rail transport       :       C3		. Gauses putto to skill, eyes and fildeous filefildialles.
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Rail transport         Classification code (RID)       : C3		
Classification code (RID) : C3	Number of blue cones/lights (ADN)	: 0
Special provisions (RIU) 2/4		
	Special provisions (RID)	: 214

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T7
Portable tank and bulk container special provisions	: TP1, TP28
(RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Colis express (express parcels) (RID) Hazard identification number (RID)	: L4BN : 3 : W12 : CE8 : 80

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list  $\geq$  0,1 % / SCL

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

**CESIO** recommendations

: The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 15.1.2. National regulations

France	
Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid
	hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons;
	alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters;
	dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

**15.2. Chemical safety assessment** 

No chemical safety assessment has been carried out

SECTION 16: Other information	
Data sources	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.

Full text of H- and EUH-statements:		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.