

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

1.1. Product identifier

Product form : Mixture
 Product name : DEGRES-L+
 Product code : LIQ0824
 Type of product : Detergent,Disinfectant

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

1.2.1. Relevant identified uses

Main use category : Professional use,Industrial use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

E.P.G.C.
 13, Rue des Forts
 59960 Neuville-en-Ferrain - France
 T 0033 3 20 25 06 21
info@epgc.com - www.epgc.com

1.4. Emergency telephone number

Emergency number : INRS/ORFILA (France) : 33 1 45 42 59 59

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315
 Eye Dam. 1 H318
 Aquatic Acute 1 H400

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

GHS09

Signal word (CLP) :

Danger

Hazardous ingredients :

C12-C16 Alkylbenzyltrimethyl ammonium chloride

Hazard statements (CLP) :

H315 - Causes skin irritation
 H318 - Causes serious eye damage
 H400 - Very toxic to aquatic life

Precautionary statements (CLP) :

P261 - Avoid breathing vapours, spray
 P280 - Wear protective gloves, eye protection, face shield
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P310 - Immediately call a POISON CENTER, a doctor
 P391 - Collect spillage
 P501 - Dispose of contents/container to hazardous or special waste collection point

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
C12-C16 Alkylbenzyltrimethyl ammonium chloride	(CAS No) 68424-85-1 (EC no) 270-325-2	1 - 5	Xn; R22 C; R34 N; R50
3-butoxypropan-2-ol, propylene glycol monobutyl ether	(CAS No) 5131-66-8 (EC no) 225-878-4 (EC index no) 603-052-00-8 (REACH-no) 01-2119475527-28	1 - 5	Xi; R36/38
1-methoxy-2-propanol, monopropylene glycol methyl ether	(CAS No) 107-98-2 (EC no) 203-539-1 (EC index no) 603-064-00-3 (REACH-no) 01-2119457435-35	1 - 5	R10 R67
2-methoxymethylethoxypropanol substance with a Community workplace exposure limit	(CAS No) 34590-94-8 (EC no) 252-104-2 (REACH-no) 01-2119450011-60	1 - 5	Not classified
Alkyl polyglucoside C10-16	(CAS No) 110615-47-9 (REACH-no) 01-2119489418-23	1 - 5	Xi; R41 Xi; R38
Protease (Subtilisin)	(CAS No) 9014-01-1 (EC no) 232-752-2 (REACH-no) 01-2119480434-38	< 0.1	Xn; R22 R42 Xi; R41 Xi; R37/38 N; R50

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
C12-C16 Alkylbenzyltrimethyl ammonium chloride	(CAS No) 68424-85-1 (EC no) 270-325-2	1 - 5	Skin Corr. 1B, H314 Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 (M=10)
3-butoxypropan-2-ol, propylene glycol monobutyl ether	(CAS No) 5131-66-8 (EC no) 225-878-4 (EC index no) 603-052-00-8 (REACH-no) 01-2119475527-28	1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319
1-methoxy-2-propanol, monopropylene glycol methyl ether	(CAS No) 107-98-2 (EC no) 203-539-1 (EC index no) 603-064-00-3 (REACH-no) 01-2119457435-35	1 - 5	Flam. Liq. 3, H226 STOT SE 3, H336
2-methoxymethylethoxypropanol substance with a Community workplace exposure limit	(CAS No) 34590-94-8 (EC no) 252-104-2 (REACH-no) 01-2119450011-60	1 - 5	Not classified
Alkyl polyglucoside C10-16	(CAS No) 110615-47-9 (REACH-no) 01-2119489418-23	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318
Protease (Subtilisin)	(CAS No) 9014-01-1 (EC no) 232-752-2 (REACH-no) 01-2119480434-38	< 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Allow breathing of fresh air. Keep victim at rest in half upright position.
First-aid measures after skin contact	: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact ophthalmologist immediately.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Take to hospital.

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

Symptoms/injuries after inhalation	: Cough. Shortness of breath.
Symptoms/injuries after skin contact	: Redness, pain. Burns.

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Symptoms/injuries after eye contact : Redness, pain. Burns. Blurred vision.
Symptoms/injuries after ingestion : Ingestion may cause nausea, vomiting and diarrhea. Can occur: gastrointestinal disturbance.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.
Explosion hazard : Product is not explosive.

5.3. Advice for firefighters

Precautionary measures fire : Self-contained breathing apparatus when in close proximity to fire.
Firefighting instructions : Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Use water spray or fog for cooling exposed containers.
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

General measures : Ensure adequate ventilation. Sweep or shovel spills.

6.1.1. For non-emergency personnel

Protective equipment : Avoid contact with skin and eyes.
Emergency procedures : Evacuate area.

6.1.2. For emergency responders

Protective equipment : Avoid breathing dust/fume/gas/mist/vapours/spray. Equip cleanup crew with proper protection. Personal protection. See Heading 8.2.
Emergency procedures : Stop leak if safe to do so. Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dike for recovery or absorb with appropriate material.
Methods for cleaning up : Take up liquid spill into inert absorbent material, e.g.: sand, earth, vermiculite or kieselguhr. Rinse with plenty of water.
Other information : Spill area may be slippery.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Do not breathe sprayings.
Precautions for safe handling : Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Install a retention tank.
Storage conditions : Keep in a cool, well-ventilated place. Keep only in the original container.
Incompatible products : None, to our knowledge.
Incompatible materials : None, to our knowledge.
Storage temperature : 4 - 25 °C
Heat and ignition sources : Store away from direct sunlight or other heat sources.
Storage area : Store away from heat. Store in a well-ventilated place.
Special rules on packaging : Keep only in original container.
Packaging materials : PEHD.

7.3. Specific end use(s)

Cleaning product. Disinfectant.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)		
EU	Local name	1-Methoxypropanol-2
EU	IOELV TWA (mg/m ³)	375 mg/m ³
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m ³)	568 mg/m ³
EU	IOELV STEL (ppm)	150 ppm
EU	Notes	Skin
France	VME (mg/m ³)	375 mg/m ³
France	VME (ppm)	100 ppm
France	VLE (mg/m ³)	188 mg/m ³
France	VLE (ppm)	50 ppm
2-methoxymethylethoxypropanol (34590-94-8)		
EU	Local name	(2-Methoxymethylethoxy)-propanol
EU	IOELV TWA (mg/m ³)	308 mg/m ³
EU	IOELV TWA (ppm)	50 ppm
EU	Notes	Skin
France	VLE (mg/m ³)	308 mg/m ³
France	VLE (ppm)	50 ppm

8.2. Exposure controls

Appropriate engineering controls	: Provide local exhaust or general room ventilation.
Personal protective equipment	: Insulated gloves. Safety glasses.
Hand protection	: Use neoprene or rubber gloves. (EN 134)
Eye protection	: Eye protection (standard EN 166)
Skin and body protection	: Use chemically protective clothing and boots (type PVC).
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment



Thermal hazard protection	: None necessary.
Environmental exposure controls	: Do not allow the product to be released into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 7,3 - 8,3
Relative evaporation rate (butylacetate=1)	: Not applicable
Relative evaporation rate (ether=1)	: Not applicable
Melting point	: Not tested
Freezing point	: Not tested
Boiling point	: Not tested
Flash point	: Not tested
Critical temperature	: Not tested
Auto-ignition temperature	: Not tested
Decomposition temperature	: Not tested
Flammability (solid, gas)	: Not applicable
Vapour pressure	: Not tested
Relative vapour density at 20 °C	: No data available
Relative density	: 0,96 - 1,06

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Solubility	: Material highly soluble in water.
Log Pow	: Not tested
Log Kow	: Not tested
Viscosity, kinematic	: Not tested
Viscosity, dynamic	: Not tested
Explosive properties	: Product is not explosive.
Oxidising properties	: Not applicable.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of storage, handling and use.

10.2. Chemical stability

Stable under normal conditions of storage, handling and use.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Heat. Direct sunlight.

10.5. Incompatible materials

None, to our knowledge.

10.6. Hazardous decomposition products

In the event of fire, may decompose : Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

C12-C16 Alkylbenzylidimethyl ammonium chloride (68424-85-1)	
LD50 oral rat	300 - 2000 mg/kg
1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
LD50 oral rat	4016 mg/kg
LD50 dermal rabbit	2000 mg/kg May produce skin irritation.
LC50 inhalation rat (mg/l)	27596 mg/l (6hours)May cause irritation to the respiratory tract.
2-methoxymethylethoxypropanol (34590-94-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
3-butoxypropan-2-ol, propylene glycol monobutyl ether (5131-66-8)	
LD50 oral rat	2700 mg/kg
LD50 dermal rat	2000 mg/kg
LC50 inhalation rat (mg/l)	651 mg/l/4h
Alkyl polyglucoside C10-16 (110615-47-9)	
LD50 oral	> 2000 mg/kg
Protease (Subtilisin) (9014-01-1)	
LD50 oral	1800 mg/kg bodyweight

Skin corrosion/irritation	: Causes skin irritation. pH: 7,3 - 8,3
Serious eye damage/irritation	: Causes serious eye damage. pH: 7,3 - 8,3
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified

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Aspiration hazard

: Not classified

SECTION 12: Ecological information

12.1. Toxicity

C12-C16 Alkylbenzylidimethyl ammonium chloride (68424-85-1)	
LC50, Fish	0,85 mg/l (96 Hours)
EC50, daphnia, Daphnia magna	0,015 mg/l (48 Hours)
IC50, algae	0,03 mg/l (72 Hours)
1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
LC50, Fish, Leuciscus idus (golden orfe)	6812 mg/l (96 Hours)
EC50, daphnia, Daphnia magna	23300 mg/l (48 Hours)
2-methoxymethylethoxypropanol (34590-94-8)	
LC50, Fish, Pimephales promelas	> 10000 mg/l (96 Hours)
EC50, daphnia, Daphnia magna	> 100 mg/l (48 Hours)
EC50, algae	> 100 mg/l (72 Hours)
3-butoxypropan-2-ol, propylene glycol monobutyl ether (5131-66-8)	
LC50, Fish, Poecilia reticulata	560-1000 mg/l (96 Hours)
NOEC, Fish, Poecilia reticulata	180 mg/l (96 Hours)
EC50, daphnia, Daphnia magna	> 1000 mg/l (48 Hours)
NOEC50, daphnia, Daphnia magna	560 mg/l (48 Hours)
NOEC50, algae, Selenastrum capricornutum	560 mg/l (96 Hours)
Alkyl polyglucoside C10-16 (110615-47-9)	
LC50 fishes 1	10 - 100 mg/l
EC0, microorganisms	> 100 mg/l
Protease (Subtilisin) (9014-01-1)	
EC50, daphnia	586 µg /l (48 Hours)
ErC50, algae	830 µg /l (72 Hours)
LC50, fish	8,2 mg/l (96 Hours)

12.2. Persistence and degradability

DEGRES-L+	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 98 % (OECD 302B method)
C12-C16 Alkylbenzylidimethyl ammonium chloride (68424-85-1)	
Persistence and degradability	Readily biodegradable.
1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
Persistence and degradability	Readily biodegradable.
2-methoxymethylethoxypropanol (34590-94-8)	
Persistence and degradability	Biodegradable.
Biodegradation	77 - 84 % 28 days
3-butoxypropan-2-ol, propylene glycol monobutyl ether (5131-66-8)	
Persistence and degradability	Biodegradable.
Biodegradation	60 - 90 % 28 days
Alkyl polyglucoside C10-16 (110615-47-9)	
Persistence and degradability	Readily biodegradable.
Protease (Subtilisin) (9014-01-1)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

DEGRES-L+	
Log Pow	Not tested
Log Kow	Not tested
1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
Bioaccumulative potential	Not bioaccumulable.
2-methoxymethylethoxypropanol (34590-94-8)	
Bioaccumulative potential	Not expected.
3-butoxypropan-2-ol, propylene glycol monobutyl ether (5131-66-8)	
Bioconcentration factor (BCF REACH)	3,2
Bioaccumulative potential	Not expected.

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Protease (Subtilisin) (9014-01-1)	
Log Pow	< 0
Bioaccumulative potential	Not bioaccumulable.

12.4. Mobility in soil

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
Ecology - soil	Soluble in water.
2-methoxymethylethoxypropanol (34590-94-8)	
Ecology - soil	Soluble in water.
3-butoxypropan-2-ol, propylene glycol monobutyl ether (5131-66-8)	
Ecology - soil	Soluble in water.

12.5. Results of PBT and vPvB assessment

Component	
C12-C16 Alkylbenzylidimethyl ammonium chloride (68424-85-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
3-butoxypropan-2-ol, propylene glycol monobutyl ether (5131-66-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
2-methoxymethylethoxypropanol (34590-94-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Remove to an authorized waste treatment plant.
Sewage disposal recommendations	: May be discharged to wastewater treatment installation.
Waste disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 20 01 19* - pesticides 20 01 29* - detergents containing dangerous substances
H code	: H8 - 'Corrosive': substances and preparations which may destroy living tissue on contact. H14 - 'Ecotoxic': waste which presents or may present immediate or delayed risks for one or more sectors of the environment.
R code/ D code	: D9 - Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.)

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR)	: 1903
UN-No. (IMDG)	: 1903
UN-No.(IATA)	: 1903
UN-No.(ADN)	: Not applicable
UN-No. (RID)	: 1903

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Disinfectant, liquid, corrosive, n.o.s.
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
Transport document description (ADR)	: UN 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (CONTAINS ; C12-C16 Alkylbenzylidimethyl ammonium chloride), 8, III, (E), ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG)	: UN 1903, 8, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: 8
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Danger labels (ADR) : 8



IMDG

Transport hazard class(es) (IMDG) : 8

Danger labels (IMDG) : 8



IATA

Transport hazard class(es) (IATA) : 8

Hazard labels (IATA) : 8



ADN

Transport hazard class(es) (ADN) : Not applicable



RID

Transport hazard class(es) (RID) : 8

Danger labels (RID) : 8



14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : Not applicable

Packing group (IATA) : III

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : C9

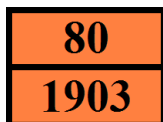
Special provisions (ADR) : 274

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Limited quantities (ADR) : 5L
Excepted quantities (ADR) : E1
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Hazard identification number (Kemler No.) : 80
Orange plates :



Tunnel restriction code (ADR) : E

14.6.2. Transport by sea

14.6.3. Air transport

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) : A3
ERG code (IATA) : 8L

14.6.4. Inland waterway transport

Not subject to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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 substances with Annex XVII restrictions
DEGRES-L+ is not on the REACH Candidate List
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

Detergent Regulation : Labelling of contents:

Component	%
non-ionic surfactants, phosphonates	<5%
enzymes	

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Indication of changes:

	Supersedes	Modified	
	Revision date	Modified	
	Date of issue	Modified	
2.1	Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]	Removed	
2.1	Classification according	Added	

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	to Regulation (EC) No. 1272/2008 [CLP]		
2.2	Labelling according to Directive 67/548/EEC or 1999/45/EC	Removed	
2.2	Labelling according to Regulation (EC) No. 1272/2008 [CLP]	Added	
13.1	H code	Added	
13.1	R code/ D code	Added	
13.1	Waste disposal recommendations	Added	
13.1	Sewage disposal recommendations	Added	
13.1	European List of Waste (LoW) code	Added	
13.1	Ecology - waste materials	Added	
13.1	Waste treatment methods	Modified	
14	Proper Shipping Name (RID)	Added	
14	Classification code (ADN)	Added	
14	Packing group (ADN)	Added	
14	Danger labels (ADN)	Added	
14	Special provisions (ADN)	Added	
14	Limited quantities (ADN)	Added	
14	Excepted quantities (ADN)	Added	
14	Equipment required (ADN)	Added	
14	Number of blue cones/lights (ADN)	Added	
14	Proper Shipping Name (ADN)	Added	
14	UN-No.(IATA)	Added	
14	UN-No. (IMDG)	Added	
14	UN-No. (RID)	Added	
14	Hazard identification number (RID)	Added	
14	Colis express (express parcels) (RID)	Added	
14	Special provisions for carriage – Packages (RID)	Added	
14	Transport category (RID)	Added	
14	Tank codes for RID tanks (RID)	Added	
14	Mixed packing provisions (RID)	Added	
14	Packing instructions (RID)	Added	
14	Excepted quantities (RID)	Added	
14	Limited quantities (RID)	Added	
14	Special provisions (RID)	Added	
14	Danger labels (RID)	Added	
14	Packing group (RID)	Added	
14	Classification code (RID)	Added	
14	ERG code (IATA)	Added	
14	Special provisions (IATA)	Added	
14	CAO max net quantity (IATA)	Added	

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14	CAO packing instructions (IATA)	Added	
14	PCA max net quantity (IATA)	Added	
14	PCA packing instructions (IATA)	Added	
14	PCA limited quantity max net quantity (IATA)	Added	
14	PCA Limited quantities (IATA)	Added	
14	PCA Excepted quantities (IATA)	Added	
14	Packing group (IATA)	Added	
14	Hazard labels (IATA)	Added	
14	Proper Shipping Name (IATA)	Added	
14	UN-No.(ADN)	Added	
14	Proper Shipping Name (IMDG)	Added	
14	Danger labels (IMDG)	Added	
14	EmS-No. (Spillage)	Added	
14	EmS-No. (Fire)	Added	
14	Limited quantities (IMDG)	Added	
14	Packing group (IMDG)	Added	
14	Stowage category (IMDG)	Added	
14	IBC packing instructions (IMDG)	Added	
14	Packing instructions (IMDG)	Added	
14	Excepted quantities (IMDG)	Added	
14	Special provisions (IMDG)	Added	
14	Special provisions for carriage - Packages (ADR)	Added	
14	Tank code (ADR)	Added	
14	Mixed packing provisions (ADR)	Added	
14	Packing instructions (ADR)	Added	
14	Vehicle for tank carriage	Added	
14.1	UN-No. (ADR)	Added	
14.2	Proper Shipping Name (ADR)	Added	
14.3	Danger labels (ADR)	Added	
14.4	Packing group (ADR)	Added	
14.6	Transport category (ADR)	Added	
14.6	Special provisions (ADR)	Added	
14.6	Excepted quantities (ADR)	Added	
14.6	Limited quantities (ADR)	Added	
14.6	Tunnel restriction code (ADR)	Added	
14.6	Hazard identification number (Kemler No.)	Added	
14.6	Classification code (ADR)	Added	

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
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DEGRES-L+

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Resp. Sens. 1	Sensitisation — Respiratory, category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
R10	Flammable
R22	Harmful if swallowed
R34	Causes burns
R36/38	Irritating to eyes and skin
R37/38	Irritating to respiratory system and skin
R38	Irritating to skin
R41	Risk of serious damage to eyes
R42	May cause sensitization by inhalation
R50	Very toxic to aquatic organisms
R67	Vapours may cause drowsiness and dizziness
C	Corrosive
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

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