

Octowet 75 X E

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue:04/06/2019 Revision date:10/10/2019

Version: 1.1

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

1.1. Product identifier

Product form : Mixture
Product name : Octowet 75 X E

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

1.2.1. Relevant identified uses

Main use category : Consumer use,Professional use,Industrial use
Industrial/Professional use spec : Wide dispersive use
Use of the substance/mixture : anionic surfactants

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Tiarco Chemical Europe GmbH
Am Gut Baarking 12
D-46395 Bocholt
T +49 2871 23476-0 F +49 2871 23476-44
europesales@trcc.com www.tiarco.de

1.4. Emergency telephone number

Emergency number : +49 2871 23476-0

Country	Organisation/Company	Address	Emergency number	Comment
	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B -1120 Brussels	+32 70 245 245	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3 H226
Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 1 H318

Full text of H statements : see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :



CLP Signal word : Danger
Hazardous ingredients : diethylhexyl sodium sulfosuccinate
Hazard statements (CLP) : H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
Precautionary statements (CLP) : P210 - Keep away from open flames. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, lighting, ventilating equipment.
P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear eye protection, protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of water/...
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide (CO₂), sand to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents/container to Collection point

2.3. Other hazards

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

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]
diethylhexyl sodium sulfosuccinate	(CAS-No.) 577-11-7 (EC-No.) 209-406-4 (REACH-no) 01-2119491296-29	>= 50	Skin Irrit. 2, H315 Eye Dam. 1, H318
Ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43	5 - 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Ethyl acetate substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (BE, DE, DK, ES, FI, FR, GB, LT, NO, PL, PT, SE)	(CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index-No.) 607-022-00-5 (REACH-no) 01-2119475103-46	0,1 - 1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Check the vital functions. If unconscious place in recovery position and seek medical advice. In case of respiratory arrest, administer artificial respiration. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Take victim to a doctor if irritation persists.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact	: Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists. Wash with plenty of water.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Do not apply (chemical) neutralizing agents. In case of eye irritation consult an ophthalmologist.
First-aid measures after ingestion	: Rinse mouth thoroughly with water. In case of ingestion. Take to hospital.

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

Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Eye damage / irritation.

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

If exposed or concerned, get medical advice and attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water. Carbon dioxide (CO₂). sand. All extinguishing media can be used.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Low.

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Explosion hazard : None known.

5.3. Advice for firefighters

Precautionary measures fire : Keep upwind. Do not inhale explosion and combustion gases.
Firefighting instructions : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Protection during firefighting : Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Gloves. face shield. protective clothing. Contact with walking surface may result in formation of slippery film/falling hazard.
Emergency procedures : Wash contaminated clothing immediately. Keep public away from danger area.

6.1.2. For emergency responders

Protective equipment : Wear protective gloves/protective clothing and eye/face protection.
Emergency procedures : Avoid contact with skin, eyes and clothes.

6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

For containment : Contain leaking substance, pump over in suitable containers. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
Methods for cleaning up : Contain leaking substance, pump over in suitable containers. Clean up any spills as soon as possible, using an absorbent material to collect it. Collect in closed and suitable containers for disposal. To clean the floor and all objects contaminated by this material, use plenty of water. Take off contaminated clothing.
Other information : Comply with local regulations for disposal.

6.4. Reference to other sections

Disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Comply with applicable regulations. Remove contaminated clothing immediately. Clean contaminated objects and areas thoroughly observing environmental regulations. Keep away from sources of ignition - No smoking. Handle in accordance with good industrial hygiene and safety procedures. Discharge into the environment must be avoided. Keep container tightly closed. Either local exhaust or general room ventilation is usually required.
Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Use good personal hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Clean bulk tanks periodically to prevent accumulation of bacteria.
Storage conditions : Protect against: frost. Protect against direct sunlight.
Storage temperature : see technical datasheet
Heat and ignition sources : Do not expose to temperatures exceeding 50 °C/ 122 °F.
Storage area : Store in a dry area. Comply with applicable regulations. Collect spillage.
Packaging materials : Plastic.

7.3. Specific end use(s)

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ethanol (64-17-5)		
Belgium	Local name	Alcool éthylique # Ethanol
Belgium	Limit value (mg/m ³)	1907 mg/m ³
Belgium	Limit value (ppm)	1000 ppm
Denmark	Local name	Ethanol (Ethylalkohol)
Denmark	Grænseværdie (langvarig) (mg/m ³)	1900 mg/m ³

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Ethanol (64-17-5)		
Denmark	Grænseværdie (langvarig) (ppm)	1000 ppm
Finland	Local name	Etanoli
Finland	HTP-arvo (8h) (mg/m ³)	1900 mg/m ³
Finland	HTP-arvo (8h) (ppm)	1000 ppm
Finland	HTP-arvo (15 min)	2500 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	1300 ppm
France	Local name	Alcool éthylique
France	VME (mg/m ³)	1900 mg/m ³
France	VME (ppm)	1000 ppm
France	VLE (mg/m ³)	9500 mg/m ³
France	VLE (ppm)	5000 ppm
France	Note (FR)	Valeurs recommandées/admises
Germany	TRGS 900 Local name	Ethanol
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	960 mg/m ³
Germany	TRGS 900 Occupational exposure limit value (ppm)	500 ppm
Germany	TRGS 900 Remark	DFG, Y
Lithuania	Local name	Etanolis (etilo alkoholis)
Lithuania	IPRV (mg/m ³)	1000 mg/m ³
Lithuania	IPRV (ppm)	500 ppm
Lithuania	TPRV (mg/m ³)	1900 mg/m ³
Lithuania	TPRV (ppm)	1000 ppm
Netherlands	Local name	Ethanol
Netherlands	Grenswaarde TGG 8H (mg/m ³)	260 mg/m ³
Netherlands	Grenswaarde TGG 15MIN (mg/m ³)	1900 mg/m ³
Netherlands	Remark (MAC)	H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een Haanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen.
Poland	Local name	Etanol (alkohol etylowy)
Poland	NDS (mg/m ³)	1900 mg/m ³
Portugal	Local name	Etanol (Álcool etílico)
Portugal	OEL STEL (ppm)	1000 ppm
Spain	Local name	Etanol (Alcohol etílico)
Spain	VLA-EC (mg/m ³)	1910 mg/m ³
Spain	VLA-EC (ppm)	1000 ppm
Spain	Notes	s (Esta sustancia tiene prohibida total o parcialmente su comercialización y uso como fitosanitario y/o como biocida. Para una información detallada acerca de las prohibiciones consúltese: Base de datos de productos biocidas: http://www.msssi.gob.es/ciudadanos/productos.do?tip o=plaguicidas Base de datos de productos fitosanitarios http://www.magrama.gob.es/agricultura/pags/fitos/regi stro/fichas/pdf/Lista_sa.pdf).
Sweden	Local name	Etanol
Sweden	nivågränsvärde (NVG) (mg/m ³)	1000 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	500 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	1900 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	1000 ppm
Sweden	Anmärkning (SE)	V (Vägledande korttidsgränsvärde ska användas som ett rekommenderat högsta värde som inte bör överskridas)
United Kingdom	Local name	Ethanol

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Ethanol (64-17-5)		
United Kingdom	WEL TWA (mg/m ³)	1920 mg/m ³
United Kingdom	WEL TWA (ppm)	1000 ppm
Norway	Local name	Etanol
Norway	Grenseverdier (AN) (mg/m ³)	950 mg/m ³
Norway	Grenseverdier (AN) (ppm)	500 ppm
Ethyl acetate (141-78-6)		
EU	Local name	Ethyl acetate
EU	IOELV TWA (mg/m ³)	734 mg/m ³
EU	IOELV TWA (ppm)	200 ppm
EU	IOELV STEL (mg/m ³)	1468 mg/m ³
EU	IOELV STEL (ppm)	400 ppm
Belgium	Local name	Acétate d'éthyle # Ethylacetaat
Belgium	Limit value (mg/m ³)	1461 mg/m ³
Belgium	Limit value (ppm)	400 ppm
Denmark	Local name	Ethylacetat (Eddikesyreethylester)
Denmark	Grænseværdie (langvarig) (mg/m ³)	540 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	150 ppm
Finland	Local name	Etyliasettaatti
Finland	HTP-arvo (8h) (mg/m ³)	1100 mg/m ³
Finland	HTP-arvo (8h) (ppm)	300 ppm
Finland	HTP-arvo (15 min)	1800 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	500 ppm
France	Local name	Acétate d'éthyle
France	VME (mg/m ³)	1400 mg/m ³
France	VME (ppm)	400 ppm
France	Note (FR)	Valeurs recommandées/admises
Germany	TRGS 900 Local name	Ethylacetat
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	1500 mg/m ³
Germany	TRGS 900 Occupational exposure limit value (ppm)	400 ppm
Germany	TRGS 900 Remark	DFG, Y
Lithuania	Local name	Etilo acetatas
Lithuania	IPRV (mg/m ³)	500 mg/m ³
Lithuania	IPRV (ppm)	150 ppm
Lithuania	NRV (mg/m ³)	1100 mg/m ³
Lithuania	NRV (ppm)	300 ppm
Poland	Local name	Octan etylu
Poland	NDS (mg/m ³)	200 mg/m ³
Poland	NDSch (mg/m ³)	600 mg/m ³
Portugal	Local name	Acetato de etilo
Portugal	OEL TWA (ppm)	400 ppm
Spain	Local name	Acetato de etilo
Spain	VLA-ED (mg/m ³)	1460 mg/m ³
Spain	VLA-ED (ppm)	400 ppm
Sweden	Local name	Etylacetat
Sweden	nivågränsvärde (NVG) (mg/m ³)	550 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	150 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	1100 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	300 ppm
Sweden	Anmärkning (SE)	V (Vägledande kortidsgränsvärde ska användas som ett rekommenderat högsta värde som inte bör överskridas)
United Kingdom	Local name	Ethyl acetate

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Ethyl acetate (141-78-6)		
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (ppm)	400 ppm
Norway	Local name	Etylacetat
Norway	Grenseverdier (AN) (mg/m ³)	550 mg/m ³
Norway	Grenseverdier (AN) (ppm)	150 ppm

diethylhexyl sodium sulfosuccinate (577-11-7)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	31,3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	44,1 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	18,8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	13 mg/m ³
Long-term - systemic effects, dermal	18,8 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0,0066 mg/l
PNEC aqua (marine water)	0,00066 mg/l
PNEC aqua (intermittent, freshwater)	0,066 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0,653 mg/kg dwt
PNEC sediment (marine water)	0,0653 mg/kg dwt
PNEC (Soil)	
PNEC soil	0,138 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	122 mg/l

Safe handling : see section 7
 Additional information : To date, no national critical limit values exist.

8.2. Exposure controls

Hand protection : Wear protective gloves.
 Eye protection : Chemical goggles or safety glasses
 Skin and body protection : Avoid contact with skin.
 Respiratory protection : Not applicable
 Environmental exposure controls : Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
 Appearance : as liquid.
 Colour : Colourless.
 Odour : characteristic.
 Odour threshold : Inconclusive
 pH : 5 - 8
 Relative evaporation rate (butylacetate=1) : No available data
 Melting point : No available data
 Freezing point : No available data
 Boiling point : ca 85 °C
 Flash point : >= 30 °C
 Auto-ignition temperature : No available data
 Decomposition temperature : No available data
 Flammability (solid, gas) : Flammable liquid and vapour.
 Vapour pressure : No available data
 Relative vapour density at 20 °C : No available data
 Relative density : No available data
 Density : 1,06 kg/l @ 20°C

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Solubility	: Soluble in water. Water: Good.
Log Pow	: No available data
Viscosity, kinematic	: No available data
Viscosity, dynamic	: ca 250 mPa·s @ 20°C (BROOKFIELD RVF 1/20)
Explosive properties	: None.
Oxidising properties	: None.
Explosive limits	: No available data

9.2. Other information

Other properties : No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with : Strong acids.

10.2. Chemical stability

SECTION 7: Handling and storage.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

SECTION 7: Handling and storage.

10.5. Incompatible materials

Strong acids. Materials that react violently or explosively with water.

10.6. Hazardous decomposition products

On burning: release of (highly) toxic gases/vapours. Nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

diethylhexyl sodium sulfosuccinate (577-11-7)	
LD50 oral rat	3000 mg/kg
Ethanol (64-17-5)	
LD50 oral rat	10470 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	51 - 124,7 mg/l/4h
Ethyl acetate (141-78-6)	
LD50 dermal rabbit	> 5000 mg/kg

Skin corrosion/irritation	: Causes skin irritation. pH: 5 - 8
Serious eye damage/irritation	: Causes serious eye damage. pH: 5 - 8
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified
Chronic aquatic toxicity : Not classified

diethylhexyl sodium sulfosuccinate (577-11-7)	
LC50 fish 1	49 mg/l

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diethylhexyl sodium sulfosuccinate (577-11-7)	
EC50 Daphnia 1	15,2 mg/l
ErC50 (algae)	82,5 mg/l
NOEC chronic crustacea	9 mg/l
NOEC chronic algae	22 mg/l
Ethanol (64-17-5)	
LC50 fish 1	13000 mg/l
EC50 Daphnia 1	12340 mg/l
ErC50 (algae)	275 mg/l
Ethyl acetate (141-78-6)	
LC50 fish 1	> 230 mg/l
EC50 Daphnia 1	> 164 mg/l

12.2. Persistence and degradability

diethylhexyl sodium sulfosuccinate (577-11-7)	
Persistence and degradability	This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
Biodegradation	91 % OECD 310

12.3. Bioaccumulative potential

diethylhexyl sodium sulfosuccinate (577-11-7)	
Log Kow	2
Ethanol (64-17-5)	
Log Pow	-0,32

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

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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

Additional information : No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Waste disposal according to EC directives 75/442/EC, 91/689/EC and 2008/98/EC in the corresponding versions, covering waste and dangerous waste.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. This material should not be landfilled or deep well injected as a method of disposal. Recycled/recovered. Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber.
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR)	: 1993
UN-No. (IMDG)	: 1993
UN-No. (ADN)	: 1993
UN-No. (RID)	: 1993

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (ADN)	: FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (RID)	: FLAMMABLE LIQUID, N.O.S.
Transport document description (ADR)	: UN 1993 FLAMMABLE LIQUID, N.O.S. (ethanol), 3, III, (D/E)
Transport document description (IMDG)	: UN 1993 FLAMMABLE LIQUID, N.O.S. (ethanol), 3, III

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14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 3
Danger labels (ADR) : 3



IMDG

Transport hazard class(es) (IMDG) : 3
Danger labels (IMDG) : 3



ADN

Transport hazard class(es) (ADN) : 3
Danger labels (ADN) : 3



RID

Transport hazard class(es) (RID) : 3
Danger labels (RID) : 3



14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (ADN) : III
Packing group (RID) : III

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Transport regulations (ADR) : Subject to the provisions
Classification code (ADR) : F1
Special provisions (ADR) : 274, 601, 640E
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1

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Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	:



Tunnel restriction code (ADR)	: D/E
EAC code	: •3YE

- Transport by sea

Transport regulations (IMDG)	: Subject to the provisions
Special provisions (IMDG)	: 223, 274, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: A

- Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 274, 61, 64E
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0

- Rail transport

Transport regulations (RID)	: Subject to the provisions
Classification code (RID)	: F1
Special provisions (RID)	: 274, 601, 640E
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)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Colis express (express parcels) (RID) : CE4

Hazard identification number (RID) : 30

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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010. Labelling according to Regulation (EC) No. 1272/2008 [CLP]. Other regulations (EU). Not applicable.

15.1.2. National regulations

Water hazard class (WGK) : 2 - Significantly hazardous to water

Regulatory reference : To date, no national critical limit values exist.

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

9.1		Modified	
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Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. 3	H226	On basis of test data
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method

All recommendations for the use of our products, whether given by us, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations the user is responsible that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely responsible for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights