

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 19.09.2014 Revision date: 13.11.2023 Supersedes: 20.12.2022 Version: 4.0

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

1.1. Product identifier

Product form	: Mixture
Product name	: Eurol Degreaser HF ODR
UFI	: 3JNN-XMJM-R608-T5M3
Product code	: E302100
Type of product	: Degreasing cleaning product,Detergent
Product group	: Trade product

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

1.2.1. Relevant identified uses

Intended for general public Main use category

: Industrial use, professional use, Consumer use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Eurol B.V. Energiestraat 12 NL-7442 DA Nijverdal The Netherlands Tel: +31 548 615 165 <u>reach@eurol.com</u> - <u>www.eurol.com</u>

1.4. Emergency telephone number

Emergency number

: For Transport Emergency Call +31 6 26 71 27 43 (24hr/day 7days/week)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital Msida MSD 2090 Msida	+356 2545 6508	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

SECTION 2: Hazards identification

2.1.	Classification	of the	substance	or	mixture	

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

Specific target organ toxicity - Repeated exposure, Category 1	H372
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment – Chronic Hazard,	H412
Category 3	
Full text of H- and EUH-statements: see section 16	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Adverse physicochemical, human health and environmental effects

Causes damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

2.2. Label elements	
Labelling according to Regulation (EC)	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	
	GHS08
CLP Signal word	: Danger
Contains	: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
Hazard statements (CLP)	: H304 - May be fatal if swallowed and enters airways.
	H372 - Causes damage to organs (nervous system) through prolonged or repeated exposure (Inhalation).
	H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P102 - Keep out of reach of children.
	P260 - Do not breathe mist, vapours.
	P270 - Do not eat, drink or smoke when using this product.
	P280 - Wear protective gloves, protective clothing, eye protection, face protection.
	P301+P310+P331 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER. Do
	NOT induce vomiting.
	P501 - Dispose of contents/container to hazardous or special waste collection point, in
	accordance with local, regional, national and/or international regulation.
Child-resistant fastening	: Applicable
Tactile warning	: Applicable
2.3. Other hazards	

Other hazards not contributing to the classification : This product floats on water and may affect the oxygen-balance in the water.

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) substance with a Community workplace exposure limit	EC-No.: 919-164-8 REACH-no: 01-2119473977- 17	≥ 50	STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

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

: Call a physician immediately.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	 Remove person to fresh air and keep comfortable for breathing. Wash skin with plenty of water. Rinse eyes with water as a precaution. Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and effects,	both acute and delayed
Symptoms/effects after inhalation	: At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.
Symptoms/effects after skin contact	: Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis. High pressure injection of product into the skin may lead to local necrosis if the product is not surgically removed.
Symptoms/effects after eye contact	: Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.
Symptoms/effects after ingestion	: Risk of lung oedema.
Symptoms/effects upon intravenous administration	: Unknown.

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 Unsuitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.Do not use a heavy water stream. Use of heavy stream of water may spread fire.
5.2. Special hazards arising from the subst	tance or mixture
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	 Combustion generates: CO, CO2. Not expected to be a fire/explosion hazard under normal conditions of use. Toxic fumes may be released.
5.3. Advice for firefighters	
Precautionary measures fire Firefighting instructions Protection during firefighting Other information	 Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Prevent fire fighting water from entering the environment. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protectiv	e equipment and emergency procedures	
General measures	: Spill area may be slippery. Prevent soil and water pollution. Prevent entry to sewers and public waters.	
6.1.1. For non-emergency personnel		
Protective equipment	: When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. Use protective clothing.	
Emergency procedures	: Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures	: No specific measures are necessary.	
6.2. Environmental precautions		
Avoid release to the environment.		

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

6.3. Methods and material for containment and cleaning up		
For containment Methods for cleaning up Other information	 Large quantities: Contain large spillage with sand or earth. Take up liquid spill into absorbent material. Dispose of materials or solid residues at an authorized site. 	

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storag	e
7.1. Precautions for safe handling	
Additional hazards when processed	: Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.
Precautions for safe handling	 Ensure good ventilation of the work station. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Do no eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, incl	uding any incompatibilities
Technical measures Storage conditions Incompatible products Maximum storage period Storage temperature Information on mixed storage	 Keep container tightly closed and in well ventilated place. Store locked up. Store in a well-ventilated place. Keep cool. Reacts vigorously with strong oxidizers and acids. 5 year ≤ 40 °C Keep away from : Oxidizing materials. Strong acids.
Storage area	: Store at ambient temperature.

: Keep container tightly closed and dry.

7.3. Specific end use(s)

No additional information available

Special rules on packaging

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOELV TWA (ppm)	100 ppm	
IOELV STEL (mg/m³)	350 mg/m³	
IOELV STEL (ppm)	56 ppm	

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

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. In case of splash hazard: safety glasses. Eye protection should only be necessary where liquid could be splashed or sprayed.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: Protective gloves

Other skin protection Materials for protective clothing: Neoprene or nitrile rubber gloves

8.2.2.3. Respiratory protection

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

Environmental exposure controls:

Avoid release to the environment.

Consumer exposure controls:

Neoprene or nitrile rubber gloves.

Other information:

Do not put the product-soaked rags into the pockets of working clothes. Do not use cloths stained with the product to dry hands. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

9.1. Information on basic physic	al and chemical properties	
Physical state : Liquid		
Colour	: red.	
Appearance	: Liquid.	
Odour	characteristic.	
Odour threshold	: Not available	
Melting point	: Not applicable	
Freezing point	: Not available	
Boiling point	: 180 °C	
Flammability (solid, gas)	: Non flammable.	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Lower explosive limit (LEL)	: 0,6 vol %
Upper explosive limit (UEL)	: 7 vol %
Flash point	: 64 °C
Auto-ignition temperature	: > 240 °C
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: < 20,5 mm²/s
Solubility	: insoluble in water.
Log Kow	: Not available
Log Pow	: > 3
Vapour Pressure 20°C	: < 0,1 hPa
Vapour pressure at 50°C	: Not available
Density	: 0,795 – 0,805 kg/l ASTM D 4052
Relative density	: Not available
Relative vapour density at 20°C	: > 1 (air=1)
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Explosion limits	: 0,6 – 7 vol %
9.2.2. Other safety characteristics	
Relative evaporation rate (butylacetate=1)	: < 0,1
VOC content	: 99 %
Other properties	: Gas/vapour heavier than air at 20°C

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Moisture. Overheating.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

CO, CO2.

SECTION 11: Toxicological information			
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute toxicity (oral): Not classifiedAcute toxicity (dermal): Not classifiedAcute toxicity (inhalation): Not classified			
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
LD50 oral rat	> 15000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)		

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

LD50 oral	> 15000 mg/kg bodyweight Animal:		
LD50 dermal rabbit	> 3400 mg/kg		
LC50 Inhalation - Rat	> 1,58 mg/l Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)		
LC50 Inhalation - Rat (Vapours)	> 13,1 mg/l/4h		
Skin corrosion/irritation	: Not classified		
Serious eye damage/irritation	: Not classified		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: Not classified		
STOT-repeated exposure	: Causes damage to organs (nervous system) through prolonged or repeated exposure (Inhalation).		
Hydrocarbons, C10-C13, n-alkanes, iso	palkanes, cyclics, aromatics (2-25%)		
NOAEL (dermal, rat/rabbit, 90 days)	≥ 495 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Derma Toxicity: 90-Day Study)		
STOT-repeated exposure	Causes damage to organs (central nervous system) through prolonged or repeated exposure (Inhalation).		
Aspiration hazard : May be fatal if swallowed and enters airways.			
Eurol Degreaser HF ODR			
Viscosity, kinematic	< 20,5 mm²/s		
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
Viscosity, kinematic	1,2 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'		
11.2. Information on other hazards			
11.2. Information on other hazards			
11.2. Information on other hazards 11.2.1. Endocrine disrupting properties No additional information available			

Other information

: Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products, Likely route of exposure: ingestion, skin and eye.

SECTION 12: Ecological information					
12.1. Toxicity					
Ecology - water : Hazardous to the aquatic environment, short-term : (acute)	Harmful to aquatic life with long lasting effects. This product floats on water and may affect the oxygen-balance in the water. Not classified Harmful to aquatic life with long lasting effects.				
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)					
LC50 fish 1	10 – 100 mg/l Oncorhynchus mykiss (Rainbow trout)				
EC50 Daphnia 1	10 – 22 mg/l EC50 48h - Daphnia magna [mg/l]				
LOEC (acute)	0,091 mg/l 28 d				

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12.2. Persistence and degradability				
Eurol Degreaser HF ODR				
Persistence and degradability	Not readily biodegradable.			
Hydrocarbons, C10-C13, n-alkanes, isoalka	anes, cyclics, aromatics (2-25%)			
Persistence and degradability Product is biodegradable.				
Biodegradation	74,7 % (OECD 301F method)			
12.3. Bioaccumulative potential				
Eurol Degreaser HF ODR				
Log Pow	> 3			
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.			
Hydrocarbons, C10-C13, n-alkanes, isoalka	anes, cyclics, aromatics (2-25%)			
Log Pow	> 4			
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.			
12.4. Mobility in soil				
Eurol Degreaser HF ODR				
Ecology - soil	Not miscible with water. Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance in the water.			
Hydrocarbons, C10-C13, n-alkanes, isoalka	anes, cyclics, aromatics (2-25%)			
Ecology - soil	Not miscible with water. Spillages may penetrate the soil causing ground water contamination.			
12.5. Results of PBT and vPvB assessment	t			
No additional information available				
12.6. Endocrine disrupting properties				
No additional information available				
12.7. Other adverse effects				
No additional information available				
SECTION 12: Disposal considerations				
SECTION 13: Disposal considerations				
13.1. Waste treatment methods				
Regional waste regulation : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Dispose of contents/container in accordance with licensed collector's sorting instructions. Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not discharge into drains or the environment.				
Additional information	: Hazardous waste.			

: Every mixture with foreign substances such as solvents, brake- and cooling liquids is forbidden. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly. When not empty dispose of this container at hazardous or special waste collection point.

Ecology - waste materials

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

European List of Waste (LoW, EC 2000/532)

: 14 06 03* - other solvents and solvent mixtures

ADR	IMDG	ΙΑΤΑ	ADN	RID			
	-						
14.1. UN number or ID number							
Not regulated for transport							
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
4.2. UN proper shipping			1	1			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
4.3. Transport hazard c	lass(es)						
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
4.4. Packing group							
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
4.5. Environmental haz	ards		·				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No			
o supplementary informatio	n available	I					
4.6. Special precautions	s for user						
verland transport o data available							
r <mark>ansport by sea</mark> o data available							
r transport o data available							
land waterway transport o data available							
il transport data available							
14.7. Maritime transport in bulk according to IMO instruments							
.7. Maritime transport	in balk according to line			Not applicable			

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(b) Eurol Degreaser HF ODR ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

EU restriction list (REACH Annex XVII)			
Reference code Applicable on			
3(c) Eurol Degreaser HF ODR ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
REACH Annex XIV (Autho	prisation List)		
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)			
REACH Candidate List (S)	VHC)		
Contains no substance(s) li	sted on the REACH Candidate List		
PIC Regulation (Prior Informed Consent)			
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)			
POP Regulation (Persiste	nt Organic Pollutants)		
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)			
Ozone Regulation (1005/2009)			
Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)			
VOC Directive (2004/42)			
VOC content	: 99 %		
Detergent Regulation (648	Detergent Regulation (648/2004)		

Labelling of contents	
Component	%
aliphatic hydrocarbons	≥30%

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes			
Section Changed item		Change	Comments
	Flammability (solid, gas)		
Revision date		Modified	
	Supersedes	Modified	
1.1	UFI on SDS 1.1	Added	
2.1 Adverse physicochemical, human health and environmental effects		Added	
4.1 First-aid measures after skin contact		Modified	
		Modified	
		Modified	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Indication of changes	Indication of changes				
Section	Changed item Change Comments				
4.1	First-aid measures after ingestion	estion Modified			
4.1	First-aid measures after eye contact Modified				
4.2	Symptoms/injuries after ingestion Modified				
5.1	Suitable extinguishing media Modified				
	Hazardous decomposition products in case of fire	Added			
5.3	Protection during firefighting Modified				
6.1	Protective equipment Modified				
6.1	Emergency procedures	nergency procedures Modified			
6.2	Environmental precautions Modified				
6.3	Methods for cleaning up Modified				
6.3	Other information Modified				
7.1	Precautions for safe handling Modified				
7.1	Hygiene measures Modified				
7.2	Storage conditions	Modified			
8.2	Environmental exposure controls	Modified			
8.2	Respiratory protection	Modified			
8.2	Hand protection	Modified			
8.2	Eye protection	Modified			
8.2	Appropriate engineering controls Modified				
8.2	Skin and body protection	Modified			
9.1	Melting point	Added			
9.1	Upper explosive limit (UEL)	Added			
9.1	Lower explosive limit (LEL)	Added			
9.1	Density	Modified			
12.1	Ecology - general Modified				
	Product/Packaging disposal recommendations	Added			
15.2	Chemical safety assessment Added				
16	Abbreviations and acronyms	Added			
16	Data sources	Added			
16	Other information Added				

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:			
BOD	Biochemical oxygen demand (BOD)		
COD	Chemical oxygen demand (COD)		
DMEL	Derived Minimal Effect level		
DNEL	Derived-No Effect Level		
EC-No.	European Community number		
EC50	Median effective concentration		
EN	European Standard		
IARC	International Agency for Research on Cancer		
ΙΑΤΑ	International Air Transport Association		
IMDG	International Maritime Dangerous Goods		
LC50	Median lethal concentration		
LD50	Median lethal dose		
LOAEL	Lowest Observed Adverse Effect Level		
NOAEC	No-Observed Adverse Effect Concentration		
NOAEL	No-Observed Adverse Effect Level		
NOEC	No-Observed Effect Concentration		
OECD	Organisation for Economic Co-operation and Development		
OEL	Occupational Exposure Limit		
РВТ	Persistent Bioaccumulative Toxic		
PNEC	Predicted No-Effect Concentration		
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail		
SDS	Safety Data Sheet		
STP	Sewage treatment plant		
ThOD	Theoretical oxygen demand (ThOD)		
TLM	Median Tolerance Limit		
VOC	Volatile Organic Compounds		
CAS-No.	Chemical Abstract Service number		
N.O.S.	Not Otherwise Specified		
vPvB	Very Persistent and Very Bioaccumulative		
ED	Endocrine disrupting properties		

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.
 None.

Other information

Full text of H- and EUH-statements:		
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
H304	May be fatal if swallowed and enters airways.	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:		
H372	Causes damage to organs through prolonged or repeated exposure.	
H412	Harmful to aquatic life with long lasting effects.	
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:				
STOT RE 1	H372	Calculation method		
Asp. Tox. 1	H304	Calculation method		
Aquatic Chronic 3	H412	Calculation method		

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.