Eurol Ultrance ECO 0W-20

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 9-9-2020 Revision date: 26-6-2024 Supersedes: 18-7-2023 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 Ultrance ECO 0W-20
Product code : E100036
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
Use of the substance/mixture : Lubricant
Function or use category : Lubricants and additives

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
reach@eurol.com − www.eurol.com

1.4. Emergency telephone number

Emergency number : For Transport Emergency Call +31 88 303 7598 (24hr/day 7days/week)

Country/Area	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]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Precautionary statements (CLP)	:	P102 - Keep out of reach of children.
EUH-statements	:	EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts, Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs, calcium salts, methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate. May produce an allergic reaction. EUH210 - Safety data sheet available on request.
Child-resistant fastening	:	Not applicable
Tactile warning	:	Not applicable

2.3. Other hazards

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 substance(s) are 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]
Distillates (petroleum), hydrotreated heavy paraffinic (Note L)	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627-25	35 – 50	Asp. Tox. 1, H304
Highly refined mineral oil (C15 -C50) substance with a Community workplace exposure limit (Note L)	REACH-no: 01-2119484627-25; 01-2119487077-29: 01-2119471299-27	10 – 25	Not classified
Dec-1-ene, trimers, hydrogenated	CAS-No.: 157707-86-3 EC-No.: 500-393-3 REACH-no: 01-2119493949-12	10 – 25	Asp. Tox. 1, H304
Highly refined mineral oil (C15 -C50) substance with a Community workplace exposure limit	-	1 – 3	Asp. Tox. 1, H304
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts	CAS-No.: 722503-68-6 EC-No.: 682-816-2	0,1 – 1	Skin Sens. 1B, H317
Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts	CAS-No.: 114959-46-5 EC-No.: 601-337-1	0,1 – 1	Skin Sens. 1B, H317
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate substance with national workplace exposure limit(s) (GB, IE, MT); substance with a Community workplace exposure limit	CAS-No.: 80-62-6 EC-No.: 201-297-1 EC Index-No.: 607-035-00-6 REACH-no: 01-2119452498-28	0,1 – 1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits (%)**
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts	CAS-No.: 722503-68-6 EC-No.: 682-816-2	(2 ≤ C < 100) Skin Sens. 1B, H317

Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 (“Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method” Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

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 : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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 : Bad taste. Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.

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 : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustion generates: CO, CO2, POx, NOx, SOx, H2S. Metal oxides.

Explosion hazard : Not expected to be a fire/explosion hazard under normal conditions of use.

5.3. Advice for firefighters

Precautionary measures fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information : 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, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

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.

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 : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : 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 storage

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.

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, including any incompatibilities

Technical measures : Keep container tightly closed and in well ventilated place.

Storage conditions : Keep cool. Protect from sunlight.

Incompatible products : Reacts vigorously with strong oxidizers and acids.

Maximum storage period : 5 year

Storage temperature : ≤ 40 °C

Information on mixed storage : Keep away from : Oxidizing materials. Strong acids.

Storage area : Store at ambient temperature.

Special rules on packaging : Keep container tightly closed and dry.

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

Highly refined mineral oil (C15 -C50)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOELV TWA (mg/m³)	5 mg/m³

Highly refined mineral oil (C15 -C50)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOELV TWA (mg/m³)	5 mg/m³

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Methyl methacrylate
IOELV STEL (ppm)	100 ppm
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU
Ireland - Occupational Exposure Limits	
Local name	Methyl methacrylate
OEL (8 hours ref) (ppm)	50 ppm
OEL (15 min ref) (ppm)	100 ppm
Remark	IOELV (Indicative Occupational Exposure Limit Values), Sens. (In the workplace respiratory or dermal exposures to sensitising agents may occur. Sensitizers may evoke respiratory or dermal reactions, e.g. asthma, rhinitis and allergic contact dermatitis. The notation does not distinguish between respiratory or dermal sensitisation. Chemical agents that are sensitizers present special problems in the workplace. Should an employee become sensitised, subsequent exposure may cause intense responses, even at low exposure concentrations well below the OELV. Exposure should be eliminated or significantly reduced through control measures such as engineering and process controls and use of personal protective equipment (PPE))
Regulatory reference	Chemical Agents Code of Practice 2021
Malta - Occupational Exposure Limits	
Local name	Methyl methacrylate
OEL TWA (ppm)	50 ppm
OEL STEL (ppm)	100 ppm
Regulatory reference	S.L.424.24 - Chemical Agents at Work Regulations (L.N.356 of 2021)
United Kingdom - Occupational Exposure Limits	
Local name	Methyl methacrylate
WEL TWA (mg/m³)	208 mg/m³
WEL TWA (ppm)	50 ppm
WEL STEL (mg/m³)	416 mg/m³
WEL STEL (OEL STEL) [ppm]	100 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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

Exposure-value for oil mist : 10 mg/m3 (15 min.) or 5 mg/m3 (8 hours).

8.1.5. Control banding

No additional information available

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:
PVC gloves. 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:
PVC gloves. 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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	amber.
Appearance	:	Oily. Colorless to yellow brown oily liquid.
Odour	:	characteristic.
Odour threshold	:	Not available
Melting point	:	< -45 °C ASTM D 97
Freezing point	:	Not available
Boiling point	:	> 280 °C
Flammability (solid, gas)	:	Not available
Lower explosive limit (LEL)	:	Not available
Upper explosive limit (UEL)	:	Not available
Flash point	:	225 °C ASTM D 92
Auto-ignition temperature	:	> 240 °C
Decomposition temperature	:	Not available
pH	:	Not available
Viscosity, kinematic	:	25 – 50 mm²/s at 40 °C, ASTM D 445
Solubility	:	insoluble in water.
Log Kow	:	Not available
Vapour Pressure 20°C	:	< 0,1 hPa
Vapour pressure at 50°C	:	Not available
Density	:	0,84 – 0,85 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	:	0 %
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, POx, NOx, SOx, H2S. Metallic oxides.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 5,53 mg/l

Dec-1-ene, trimers, hydrogenated (157707-86-3)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat (Dust/Mist)	> 5,2 mg/l/4h

Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts (114959-46-5)	
LD50 oral rat	< 5000 mg/kg
LD50 dermal rat	> 2000 ml/kg

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 ml/kg
LC50 Inhalation - Rat (Vapours)	29,8 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

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6)	
NOAEL (oral, rat, 90 days)	2000 mg/kg bodyweight/day
NOAEC (inhalation, rat, vapour, 90 days)	25 mg/l

Aspiration hazard : Not classified

Eurol Ultrance ECO 0W-20	
Viscosity, kinematic	25 – 50 mm²/s at 40 °C, ASTM D 445

Dec-1-ene, trimers, hydrogenated (157707-86-3)	
Viscosity, kinematic	17 – 17,8 mm²/s

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6)	
Viscosity, kinematic	1400 mm²/s ASTM D 445

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

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 - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Ecology - water : This product floats on water and may affect the oxygen-balance in the water.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LC50 fish 1	> 100 mg/l
EC50 Daphnia 1	10000 mg/l
EC50 72h - Algae [1]	> 100 mg/l

Dec-1-ene, trimers, hydrogenated (157707-86-3)	
LC50 fish 1	> 1000 mg/l Oncorhynchus mykiss (Rainbow trout)
LC50 fish 2	> 750 mg/l Pimephales promelas
EC50 Daphnia 1	190 mg/l EC50 48h - Daphnia magna [mg/l]
EC50 72h - Algae [1]	1000 mg/l Scenedesmus capricornutum

Highly refined mineral oil (C15 -C50)	
EC50 other aquatic organisms 1	1,2 mg/l

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6)	
LC50 fish 1	> 79 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 Daphnia 1	69 mg/l Daphnia magna (Water flea)
NOEC (chronic)	110 mg/l Selenastrum capricornutum
NOEC chronic fish	9,4 mg/l (OECD 210 method)
NOEC chronic crustacea	37 mg/l Daphnia magna (Water flea)

12.2. Persistence and degradability

Eurol Ultrance ECO 0W-20	
Persistence and degradability	Not readily biodegradable.

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
Persistence and degradability	Rapidly degradable

Dec-1-ene, trimers, hydrogenated (157707-86-3)	
Persistence and degradability	Not readily biodegradable.

Highly refined mineral oil (C15 -C50)	
Persistence and degradability	Rapidly degradable

Highly refined mineral oil (C15 -C50)	
Persistence and degradability	Rapidly degradable

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts (722503-68-6)	
Persistence and degradability	Rapidly degradable

Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts (114959-46-5)	
Persistence and degradability	Not readily biodegradable.

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6)	
Persistence and degradability	Readily biodegradable in water.
Biodegradation	94 % (OECD 301C method)

12.3. Bioaccumulative potential

Eurol Ultrance ECO 0W-20	
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.

Dec-1-ene, trimers, hydrogenated (157707-86-3)	
Log Pow	> 10
Log Kow	> 6,5
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.

Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts (114959-46-5)	
Log Pow	5,32 at 40 °C
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate (80-62-6)	
Log Kow	1,38

12.4. Mobility in soil

Eurol Ultrance ECO 0W-20	
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.

Dec-1-ene, trimers, hydrogenated (157707-86-3)	
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.

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

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

Ecology - waste materials : 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.

European List of Waste (LoW, EC 2000/532) : 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN
14.1. UN number or ID number			
Not regulated for transport			
14.2. UN proper shipping name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

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

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	**Applicable on**	**Entry title or description**
3(a)	methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	Distillates (petroleum), hydrotreated heavy paraffinic ; Dec-1-ene, trimers, hydrogenated ; Highly refined mineral oil (C15 -C50) ; Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts ; Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts ; methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
40.	methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed 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 (Persistent 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)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

VOC Directive (2004/42)

VOC content : 0 %

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

For the following substances of this mixture a chemical safety assessment has been carried out:
Dec-1-ene, trimers, hydrogenated
Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts

SECTION 16: Other information

Indication of changes

Section	Changed item	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
1.2	Main use category	Modified	
2.3	Other hazards not contributing to the classification	Removed	
4.1	First-aid measures general	Modified	
5.3	Firefighting instructions	Modified	
6.1	Emergency procedures	Modified	
6.1	General measures	Modified	
6.3	For containment	Modified	
7.2	Storage conditions	Modified	
9.1	Log Pow	Removed	
12.3	Log Pow	Removed	
13.1	Waste disposal recommendations	Modified	
13.1	Additional information	Modified	

Full text of H- and EUH-statements:

Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts, Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs, calcium salts, methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate. May produce an allergic reaction.
EUH210	Safety data sheet available on request.
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Full text of H- and EUH-statements:	
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

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.