

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 11-2-2014 Revision date: 2-2-2023 Supersedes: 31-1-2023 Version: 3.1

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

# **1.1. Product identifier**

Product form	
Product name	
Product code	
Product group	

: Mixture : Eurol Fultrax 75W-140 LS

: E110077

: 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 Use of the substance/mixture Function or use category

- : Industrial use, professional use, Consumer use
- : Lubricant
- : 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 P.O. Box 135 NL– 7442 DA Nijverdal The Netherlands T +31 548 615165 reach@eurol.com - www.eurol.com

#### 1.4. Emergency telephone number

Emergency number

: +31 79 3467 808 EVOFENEDEX

## **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	<ul> <li>EUH208 - Contains Amines, C10-14-tert-alkyl. May produce an allergic reaction.</li> <li>EUH210 - Safety data sheet available on request.</li> </ul>
Child-resistant fastening Tactile warning	<ul><li>Not applicable</li><li>Not applicable</li></ul>

# Safety Data Sheet

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

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. The base oil contains less than 3% DMSO-extract measured according IP 346, therefore it is NOT classified as H350: May cause cancer" (Note L).". USED ENGINE OILS: Combustion products resulting from the operation of internal combustion engines contaminate engine oils during use. Used engine oil may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used engine oil must therefore be avoided and a high standard of personal hygiene maintained.

Contains no PBT/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]
Dec-1-ene, trimers, hydrogenated	CAS-No.: 157707-86-3 EC-No.: 500-393-3 REACH-no: 01-2119493949- 12	35 – 50	Asp. Tox. 1, H304
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.]	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25	3 – 5	Asp. Tox. 1, H304
Distillates (petroleum), solvent-dewaxed heavy paraffinic	CAS-No.: 64742-65-0 EC-No.: 265-169-7 REACH-no: 01-2119471299- 27	1 – 3	Asp. Tox. 1, H304
Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil— unspecified; [A complex comination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C).]	CAS-No.: 64742-56-9 EC-No.: 265-159-2 EC Index-No.: 649-469-00-9 REACH-no: 01-2119480132- 48	1 – 3	Asp. Tox. 1, H304

# Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Amines, C10-14-tert-alkyl	EC-No.: 701-175-2 REACH-no: 01-2119456798- 18	0,1 – 1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:vapour), H330 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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 First-aid measures after inhalation	<ul> <li>Seek medical attention if ill effect develops.</li> <li>Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. Allow the victim to rest.</li> </ul>
First-aid measures after skin contact	<ul> <li>Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. High-pressure injection under skin may cause serious damage. Seek medical attention if ill effect or irritation develops.</li> </ul>
First-aid measures after eye contact	<ul> <li>Remove contact lenses, if present and easy to do. Continue rinsing. Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist.</li> </ul>
First-aid measures after ingestion	: Consult a doctor/medical service if you feel unwell. If vomiting occurs spontaneously, keep head below the hips to prevent aspiration. Do not induce vomiting.
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 Symptoms/effects after ingestion	<ul> <li>Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.</li> <li>Bad taste. Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.</li> </ul>
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	<ul> <li>carbon dioxide (CO2), dry chemical powder, foam. Water fog.</li> <li>Do not use a heavy water stream. Use of heavy stream of water may spread fire.</li> </ul>
5.2. Special hazards arising from the su	bstance or mixture
Fire hazard Explosion hazard	<ul> <li>Combustion generates: CO, CO2, POx, NOx, SOx, H2S. Metal oxides.</li> <li>Not expected to be a fire/explosion hazard under normal conditions of use.</li> </ul>
5.3. Advice for firefighters	
Precautionary measures fire	: Do not enter fire area without proper protective equipment, including respiratory protection.

# Safety Data Sheet

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

Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Use self-contained breathing apparatus and chemically 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 mea	asures
6.1. Personal precautions, protective ed	quipment 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	: Consider evacuation.
6.1.2. For emergency responders	
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.
Emergency procedures	: No specific measures are necessary.
6.2. Environmental precautions	

Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters. Prevent soil and water pollution. Prevent liquid from entering sewers, watercourses, underground or low areas. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

6.3. Methods and material for containment and cleaning up		
For containment	: Large quantities: Contain large spillage with sand or earth.	
Methods for cleaning up	: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Take up large spills with pump or vacuum and finish with dry chemical absorbent.	
Other information	: Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. On water, recover/skim from surface and pour out in disposal container.	

# 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	: Avoid prolonged and repeated contact with skin. May be dangerously slippery if spilled. Where contact with eyes or skin is likely, wear suitable protection. Do not eat, drink or smoke during use. Remove contaminated clothing and shoes.
Hygiene measures	: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Where contact with eyes or skin is likely, wear suitable protection. Wash contaminated clothing before reuse.

# Safety Data Sheet

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

## 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep container tightly closed and in well ventilated place.
Storage conditions	: Keep only in original container.
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

No additional information available

#### 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:

Large quantities: Contain large spillage with sand or earth.

#### 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:

Eye protection should only be necessary where liquid could be splashed or sprayed

### 8.2.2.2. Skin protection

#### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Equipment should conform to EN 166.

## Hand protection:

In case of repeated or prolonged contact wear gloves. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream). The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

# Safety Data Sheet

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

### Other skin protection

### Materials for protective clothing:

PVC gloves. Neoprene or nitrile rubber gloves

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

See Heading 12. See Heading 6.

## 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	: Yellow.
Appearance	: Oily. Liquid.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: -48 °C ASTM D 97
Freezing point	: Not available
Boiling point	: > 280 °C
Flammability (solid, gas)	: Not available
Explosive limits	: 0,6 – 7 vol %
Lower explosive limit (LEL)	: 0,6 vol %
Upper explosive limit (UEL)	: 7 vol %
Flash point	: 215 °C ASTM D 92
Auto-ignition temperature	: > 240 °C
Decomposition temperature	: Not available
рН	: Not available
Viscosity, kinematic	: 185 mm²/s at 40 °C, ASTM D 445
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	: 0,87 – 0,872 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

# Safety Data Sheet

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

# 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	
Address Overstead to a	

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 (dermal) :	Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)		
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		
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)			
LD50 oral rat	> 5000 mg/kg		
LD50 dermal rat	> 2000 mg/kg		
LC50 Inhalation - Rat	> 5,53 mg/l		
Amines, C10-14-tert-alkyl			
LD50 oral rat	612 mg/kg		
LD50 dermal rat	251 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 190 - 322		

LC50 Inhalation - Rat (Vapours)

1,19 mg/l/4h

# Safety Data Sheet

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

Amines, C10-14-tert-alkyl	
ATE CLP (oral)	612 mg/kg bodyweight
ATE CLP (dermal)	251 mg/kg bodyweight
ATE CLP (vapours)	1,19 mg/l/4h
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: The mixture contains a substance with skin sensitization potential, but allergic skin reactions are not expected.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Amines, C10-14-tert-alkyl	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	Not classified
Aspiration hazard	: Not classified
Eurol Fultrax 75W-140 LS	
Viscosity, kinematic	185 mm²/s at 40 °C, ASTM D 445
Dec-1-ene, trimers, hydrogenated (1	57707-86-3)
Viscosity, kinematic	17 – 17,8 mm²/s
obtained by removal of normal para	axed light paraffinic; Baseoil— unspecified; [A complex comination of hydrocarbons ffins from a petroleum fraction by solvent crystallization. It consists predominantly of ers predominantly in the range of C15 through C30 and produces a finished oil with a 0 °F (19cSt at 40 °C).] (64742-56-9)
Viscosity, kinematic	8,4 mm²/s
Amines, C10-14-tert-alkyl	
Viscosity, kinematic	≈ 3,44 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'
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

SECTION 12: Ecological information		
12.1. Toxicity		
Ecology - general	: Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.	
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 (Based on available data, the classification criteria are not met)	
Hazardous to the aquatic environment, long–term (chronic)	: Not classified.	

route of exposure: ingestion, skin and eye.

# Safety Data Sheet

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

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		
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)			
LC50 fish 1	100 mg/l		
EC50 Daphnia 1	10000 ma/l		

EC50 Daphnia 1	10000 mg/l	
EC50 72h - Algae [1]	> 100 mg/l	
Amines, C10-14-tert-alkyl		
LC50 fish 1	1,3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)	
EC50 Daphnia 1	2,5 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	0,44 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
NOEC (chronic)	0,078 mg/l	
NOEC chronic fish	0,078 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '96 d'	

# 12.2. Persistence and degradability

Eurol Fultrax 75W-140 LS		
Persistence and degradability	Not readily biodegradable.	
Dec-1-ene, trimers, hydrogenated (157707-86-3)		
Persistence and degradability Not readily biodegradable.		
Amines, C10-14-tert-alkyl		
BOD (% of ThOD) 21,8 % ThOD		

# 12.3. Bioaccumulative potential

Eurol Fultrax 75W-140 LS			
Log Pow > 3			
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.		
Amines, C10-14-tert-alkyl			
Log Pow	2,9		

# Safety Data Sheet

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

12.4. Mobility in soil			
Eurol Fultrax 75W-140 LS			
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 legislation (waste) : Disposal must be done according to official regulations. : Dispose in a safe manner in accordance with local/national regulations. Do not discharge Waste disposal recommendations into drains or the environment. Additional information : Hazardous waste. 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. : 13 02 05\* - mineral-based non-chlorinated engine, gear and lubricating oils

European List of Waste (LoW) code

# **SECTION 14: Transport information**

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

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

# Safety Data Sheet

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

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				
14.6. Special precautions	s for user			

# Overland transport

Not applicable

## Transport by sea Not applicable

..

# Air transport

Not applicable

### **Inland waterway transport** Not applicable

#### Rail transport

Not applicable

# 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
3(b)	Dec-1-ene, trimers, hydrogenated ; Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] ; Distillates (petroleum), solvent-dewaxed heavy paraffinic ; Distillates (petroleum), solvent-dewaxed heavy paraffinic ; Distillates (petroleum), solvent-dewaxed heavy paraffinic ; Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil— unspecified; [A complex comination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C).] ; Amines, C10-14-tert-alkyl
3(c)	Amines, C10-14-tert-alkyl

## **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)

# Safety Data Sheet

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

### 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

: 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

# **SECTION 16: Other information**

Abbreviations and acr	ronyms:
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
BOD	Biochemical oxygen demand (BOD)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS-No.	Chemical Abstract Service number
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disrupting properties
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

# Safety Data Sheet

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

Abbreviations and acronyms:	
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
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
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

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:	
Acute Tox. 2 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains Amines, C10-14-tert-alkyl. May produce an allergic reaction.
EUH210	Safety data sheet available on request.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Skin Sens. 1A	Skin sensitisation, category 1A

# Safety Data Sheet

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

Full text of H- and EUH-statements:	
STOT SE 3 Sp	pecific 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.