

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 26-2-2014 Revision date: 25-11-2022 Supersedes: 28-10-2022 Version: 2.1

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

# 1.1. Product identifier

Product form : Mixture

Product name : Eurol Synergy 0W-30

Product code : E100067
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 bv. B.V. Energiestraat 12 P.O. Box 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 : EUH208 - Contains C14-16-18 Alkyl phenol. May produce an allergic reaction.

EUH210 - Safety data sheet available on request.

Child-resistant fastening : Not applicable Tactile warning : Not applicable

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#### 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	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 25	10 – 25	Asp. Tox. 1, H304
Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based	CAS-No.: 72623-87-1 EC-No.: 276-738-4 REACH-no: 01-2119474889- 13	10 – 25	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
C14-16-18 Alkyl phenol	CAS-No.: 1190625-94-5 EC-No.: 931-468-2 REACH-no: 01-2119498288- 19	0,1 – 1	Skin Sens. 1B, H317 STOT RE 2, H373

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

: Seek medical attention if ill effect develops.

: 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.

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First-aid measures after skin contact : 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.

First-aid measures after eye contact : 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.

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 : 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 : carbon dioxide (CO2), dry chemical powder, foam. Water fog.

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. Metallic 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 : 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 measures**

## 6.1. Personal precautions, protective 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 : 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.

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#### 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

euse

# 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 :  $\leq$  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

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#### 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

#### Eve 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).

#### 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.

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#### 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 : brown. Appearance : Oily. Liquid. Odour : characteristic. Odour threshold : Not available Melting point : ≤ -54 °C Freezing point : Not available Boiling point : > 280 °C Flammability : Not available **Explosive limits** : 0.6 - 7 vol %Lower explosive limit (LEL) : Not available Upper explosive limit (UEL) : Not available · 194 °C Flash point : > 240 °C Auto-ignition temperature : Not available Decomposition temperature : Not available рΗ Viscosity, kinematic : 150 - 300 mm<sup>2</sup>/s Solubility : insoluble in water. : Not available Log Kow Log Pow : > 3 Vapour Pressure 20°C : < 0.1 hPa Vapour pressure at 50°C : Not available Density : 0,85 - 0,86 kg/l Relative density : Not available Relative vapour density at 20°C : > 1 (air=1)

## 9.2. Other information

Particle characteristics

#### 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

: Not applicable

# **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.

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# 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
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

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

	Dec-1-ene, trimers, hydrogenated (157707-86-	-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		

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 : Not classified STOT-repeated exposure

C14-16-18 Alkyl phenol (1190625-94-5)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

Eurol Synergy 0W-30	
Viscosity, kinematic	150 – 300 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 route of exposure: ingestion, skin and eye.

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# **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

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

Hazardous to the aquatic environment, short-term

Hazardous to the aquatic environment, long-term

(chronic)

: Not classified

: Not classified

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LC50 fish 1	100 mg/l
EC50 Daphnia 1	10000 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

# 12.2. Persistence and degradability

Eurol	<b>Synergy</b>	<b>0W-30</b>
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Persistence and degradability Not readily biodegradable.

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

Persistence and degradability Not readily biodegradable.

# 12.3. Bioaccumulative potential

Eurol Synergy 0W-30	
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.

# 12.4. Mobility in soil

# **Eurol Synergy 0W-30** 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.	

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# 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)

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.

Dispose in a safe manner in accordance with local/national regulations. Do not discharge

European List of Waste (LoW) code

: 13 02 06\* - Synthetic engine, gear and lubricating oils

: Disposal must be done according to official regulations.

# **SECTION 14: Transport information**

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

IMDG	IATA	ADN	RID
umber			
Not applicable	Not applicable	Not applicable	Not applicable
g name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable
ards			
Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
	Not applicable  y name  Not applicable  lass(es)  Not applicable  Not applicable  Dangerous for the environment: No	Not applicable  Dangerous for the environment: No	Not applicable Not applicable Not applicable  In name  Not applicable Not applicable Not applicable  Ilass(es)  Not applicable Not applicable Not applicable  Not applicable Not applicable Not applicable  Not applicable Not applicable Not applicable  Dangerous for the environment: No Dangerous for the environment: No environment: No

# 14.6. Special precautions for user

#### **Overland transport**

No data available

# Transport by sea

No data available

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#### Air transport

No data available

#### Inland waterway transport

No data available

#### Rail transport

No data available

#### 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

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(b)	Distillates (petroleum), solvent-dewaxed heavy paraffinic; C14-16-18 Alkyl phenol; Distillates (petroleum), hydrotreated heavy paraffinic; Dec-1-ene, trimers, hydrogenated; Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based

Contains no substance(s) listed on the REACH Candidate List

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

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

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

VOC content : 0 %

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**

Full text of H- and EUH-statements:	
Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains C14-16-18 Alkyl phenol. May produce an allergic reaction.
EUH210	Safety data sheet available on request.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs through prolonged or repeated exposure.
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

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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.