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

1.1. Product identifier
Product form : Mixture
Product name : Eurol ATF 6100
Product code : E113657
Product group : Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
Main use category : industrial use, professional use, consumer use
Use of the substance/mixture : lubricating oil: mineral product
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.
Energiestraat 12
P.O. Box P.O. Box 135
7442 DA Nijverdal - The Netherlands
T +31 548 615165
r.hilgers@eurol.com - www.eurol.com

1.4. Emergency telephone number
Emergency number : +31 548 615165
(Monday to Friday: 8:00 - 17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Not classified

2.2. Label elements
Precautionary statements (CLP) : P102 - Keep out of reach of children.
EUH-statements : EUH208 - Contains Alkoxylated long-chain alkyl amine. May produce an allergic reaction.
Child-resistant fastening : Not applicable
Tactile warning : Not 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. The base oil contains less than 3% DMSO-extract measured according IP 346, therefore it is NOT classified as T/R45: 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.

PBT: not relevant – no registration required
vPvB: not relevant – no registration required

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable
3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
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<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic</td>
<td>(CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (EC Index-No.) 649-467-00-8 (REACH-no) 01-2119484627-25</td>
<td>&gt;= 50</td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based</td>
<td>(CAS-No.) 72623-87-1 (EC-No.) 276-738-4 (REACH-no) 01-2119474889-13</td>
<td>25 - 35</td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>Methacrylate copolymer</td>
<td>(CAS-No.) confidential</td>
<td>1 - 3</td>
<td>Eye Irrit. 2, H319</td>
</tr>
<tr>
<td>Alkoxy sulfolane</td>
<td>(CAS-No.) 18760-44-6</td>
<td>1 - 3</td>
<td>Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Seek medical attention if ill effect develops.
First-aid measures after inhalation: 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.
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. 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: 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.
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Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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.

7.2. Conditions for safe storage, including any incompatibilities

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

Storage conditions :
Store 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

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

8.2. Exposure controls

Appropriate engineering controls:
Large quantities: Contain large spillage with sand or earth.

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

**Eye protection:**

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

**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.

**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.

**Personal protective equipment symbol(s):**

**Environmental exposure controls:**


**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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Oily, liquid.</td>
</tr>
<tr>
<td>Colour</td>
<td>Red</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
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<td>Odour threshold</td>
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</tr>
<tr>
<td>pH</td>
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</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>&lt; 0,1</td>
</tr>
<tr>
<td>Melting point</td>
<td>&lt;= -40 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>no data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 280 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>211 °C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>&gt; 240 °C</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>no data available</td>
</tr>
<tr>
<td>Vapour Pressure 20°C</td>
<td>&lt; 0,1 hPa</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>&gt; 1 (air=1)</td>
</tr>
<tr>
<td>Relative density</td>
<td>no data available</td>
</tr>
<tr>
<td>Density</td>
<td>0.840 - 0.850 kg/l</td>
</tr>
<tr>
<td>Solubility</td>
<td>insoluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>&gt; 3</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>50 - 100 mm²/s</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>no data available</td>
</tr>
</tbody>
</table>
Eurol ATF 6100
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Explosive properties: no data available
Oxidising properties: no data available
Explosive limits: 0.6 - 7 vol %

9.2. Other information
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
No additional information available

SECTION 11: Toxicological information
11.1. Information on toxicological effects
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 (mg/l): > 5.53 mg/l

Alkoxy sulfolane (18760-44-6)
LD50 oral: > 10000 mg/kg
LD50 dermal rabbit: 4000 - 8000 ml/kg
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: Not classified
Aspiration hazard: Not classified

Eurol ATF 6100
Viscosity, kinematic: 50 - 100 mm²/s
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: 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.
Acute aquatic toxicity: Not classified
Chronic aquatic toxicity: Not classified
Eurol ATF 6100
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<table>
<thead>
<tr>
<th>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</th>
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</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alkoxy sulfolane (18760-44-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
</tr>
<tr>
<td>ErC50 (algae)</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
Eurol ATF 6100
Persistence and degradability  | Not readily biodegradable.

<table>
<thead>
<tr>
<th>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biodegradation</td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential
Eurol ATF 6100
Log Pow  | > 3 |
Bioaccumulative potential  | This product is not expected to bioaccumulate through food chains in the environment.

12.4. Mobility in soil
Eurol ATF 6100
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
Eurol ATF 6100
PBT: not relevant – no registration required
vPvB: not relevant – no registration required

12.6. 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.
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.
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, solider, 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) code  | 13 02 06* - Synthetic engine, gear and lubricating oils

SECTION 14: Transport information
In accordance with ADR / RID / IMDG / IATA / ADN

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
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<tbody>
<tr>
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<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

14.1. UN number

14.2. UN proper shipping name
Not applicable
Not applicable
Not applicable
Not applicable
Not applicable
Not applicable
14.3. Transport hazard class(es)

<table>
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<tr>
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14.4. Packing group

<table>
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<th>Not applicable</th>
<th>Not applicable</th>
<th>Not applicable</th>
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</thead>
</table>

14.5. Environmental hazards

<table>
<thead>
<tr>
<th></th>
<th>Dangerous for the environment</th>
<th>Dangerous for the environment</th>
<th>Dangerous for the environment</th>
<th>Dangerous for the environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine pollutant</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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</tbody>
</table>

No supplementary information available

14.6. Special precautions for user

Overland transport
no data available

Transport by sea
no data available

Air transport
no data available

Inland waterway transport
no data available

Rail transport
no data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC content : 0 %

Directive 2012/18/EU (SEVESO III)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1 Aspiration hazard, Category 1
Eye Irrit. 2 Serious eye damage/eye irritation, Category 2
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
EUH208 Contains Alkoxylated long-chain alkyl amine. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

SDS EU (REACH Annex II)

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.