SAFETY DATA SHEET
STAGE 1

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

1.1. Product identifier
Product name
Internal identification

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

1.3. Details of the supplier of the safety data sheet
Supplier
Address
Telephone
Email

1.4. Emergency telephone number
Emergency telephone

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
Physical hazards
Health hazards
Environmental hazards

Classification (67/548/EEC or 1999/45/EC)

2.2. Label elements
Pictogram
Signal word
Hazard statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
STAGE 1

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P311 Do NOT induce vomiting.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P501 Dispose of contents/container in accordance with national regulations.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains

PETROLEUM DISTILLATE

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>PETROLEUM DISTILLATE</th>
<th>60-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: —</td>
<td>EC number: 919-446-0</td>
</tr>
<tr>
<td></td>
<td>REACH registration number: 01-2119458049-33-0000</td>
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</table>

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification (67/548/EEC or 1999/45/EC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOT SE 3 - H336</td>
<td></td>
</tr>
<tr>
<td>Asp. Tox. 1 - H304</td>
<td></td>
</tr>
<tr>
<td>STOT SE 3 - H336</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td></td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion
Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.

Skin contact
Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation
May cause drowsiness or dizziness.

Ingestion
May be fatal if swallowed and enters airways.

Skin contact
Product has a defatting effect on skin.

Eye contact
May cause discomfort.
STAGE 1

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor
Treat symptomatically.

SECTION 6: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Extinguish with the following media: Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
Thermal decomposition or combustion products may include the following substances:
Carbon dioxide (CO2). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting
Containers close to fire should be removed or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not touch or walk into spilled material. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Provide adequate ventilation. Take care as floors and other surfaces may become slippery. Avoid contact with contaminated tools and objects. No smoking, sparks, flames or other sources of ignition near spillage. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions
Toxic to aquatic life with long lasting effects. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections
Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions
Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Provide adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapours. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store at temperatures between 4°C and 40°C.

Storage class
Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s)
The identified uses for this product are detailed in Section 1.2.
STAGE 1

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

PETROLEUM DISTILLATE

Long-term exposure limit (8-hour TWA): WEL  350 mg/m³

WEL = Workplace Exposure Limit

PETROLEUM DISTILLATE

<table>
<thead>
<tr>
<th>DNEL</th>
<th>Industry - Inhalation; Short term : 570 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Industry - Inhalation; Long term : 1980 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer - Inhalation; Short term : 570 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer - Dermal; Long term : 1040 mg/kg/day</td>
</tr>
<tr>
<td></td>
<td>Consumer - Inhalation; Long term : 710 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer - Oral; Long term : 1040 mg/kg/day</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Protective equipment

Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 4 hours. The breakthrough time for any glove material may be different for different glove manufacturers. For exposure up to 4 hours, wear gloves made of the following material: Nitrile rubber. Rubber (natural, latex). Neoprene. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

Hygiene measures

Wash hands thoroughly after handling.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Opaque liquid.</td>
</tr>
<tr>
<td>Colour</td>
<td>Straw. to Light brown.</td>
</tr>
<tr>
<td>Odour</td>
<td>Hydrocarbons.</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flash point</td>
<td>42°C SCC (Setaflash closed cup).</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.795 @ 20°C</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Insoluble in water.</td>
</tr>
</tbody>
</table>
STAGE 1

9.2. Other information

Other information Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Aspiration hazard

Aspiration hazard Kinematic viscosity ≤ 20.5 mm²/s. May be fatal if swallowed and enters airways. Read-across data.

Inhalation May cause drowsiness or dizziness.

Ingestion Aspiration hazard if swallowed. May be fatal if swallowed and enters airways.

Skin contact Product has a defatting effect on skin.

Eye contact May cause discomfort.

Toxicological information on ingredients.

PETROLEUM DISTILLATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 15,000.0

Species Rat

ATE oral (mg/kg) 15,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 3,400.0
STAGE 1

Species  Rat
ATE dermal (mg/kg)  3,400.0
Carcinogenicity
- NOAEL >300 mg/kg, Oral, Rat
Specific target organ toxicity - repeated exposure
- NOAEL 1056 mg/kg, Oral, Rat
Target organs  Central nervous system
Aspiration hazard  May be fatal if swallowed and enters airways.

SECTION 12: Ecological Information

Ecotoxicity  Toxic to aquatic life with long lasting effects.
12.1. Toxicity
Acute toxicity - fish  Not determined.

Ecological information on ingredients.

PETROLEUM DISTILLATE

Acute toxicity - fish  LC₅₀, 96 hours: <30 mg/l, Onchorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates  EC₅₀, 48 hours: <22 mg/l, Daphnia magna
Acute toxicity - aquatic plants  IC₅₀, 72 hours: 4.6-10 mg/l, Algae
Acute toxicity - microorganisms  EC₅₀, 48 hours, 48 hours: 43.98 mg/l,
Chronic toxicity - aquatic invertebrates  NOEC, 21 days, 21 days: 0.097 mg/l, Daphnia magna

12.2. Persistence and degradability
Persistence and degradability  The product is expected to be biodegradable.
12.3. Bioaccumulative potential
Bioaccumulative potential  The product is not bioaccumulating.
12.4. Mobility in soil
Mobility  The product is insoluble in water and will spread on the water surface.
12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment  This product does not contain any substances classified as PBT or vPvB.
12.6. Other adverse effects
Other adverse effects  Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
STAGE 1

Disposal methods
Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

SECTION 14: Transport information

14.1. UN number
UN No. (ADR/RID) 1993
UN No. (IMDG) 1993
UN No. (ICAO) 1993

14.2. UN proper shipping name
Proper shipping name (ADR/RID) FLAMMABLE LIQUID, N.O.S. (petroleum distillate)
Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (petroleum distillate)
Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (petroleum distillate)

14.3. Transport hazard class(es)
ADR/RID class 3
IMDG class 3
ICAO class/division 3

Transport labels

14.4. Packing group
ADR/RID packing group III
IMDG packing group III
ICAO packing group III

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user
Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
STAGE 1

National regulations
Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation

Guidance
Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet
ATE: Acute Toxicity Estimate.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No Effect Concentration.
vPvB: Very Persistent and Very Bioaccumulative.
NOEC: No Observed Effect Concentration.

Revision comments
NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date
20/04/2016

Revision
3.2

Supersedes date
16/12/2015

SDS number
17827

Risk phrases in full
R10 Flammable.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company’s knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.