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

1.1. Product identifier
Product form: Mixture
Trade name: Lubri-Film
Product code: 111265, 16M106

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
Use of the substance/mixture: Lubricants, greases, release products

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
Graco BVBA
Industrieterrein Ounde Bunders
Maasmechelen - Belgium
T +32 89 770 700 - F +32 89 770 777
reach@graco.com

1.4. Emergency telephone number
Emergency number: 1- 703-741-5970 (Chemtrec)
24/24

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]
No labelling applicable

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>White mineral oil, petroleum--substance with national workplace exposure limit(s) (BE, BG, CZ, DE, DK, ES, FI, GR, HU, IE, IT, LT, NL, PL, PT, RO, SE, SK)</td>
<td>(CAS No) 8042-47-5 (EC no) 232-455-8 (REACH-no) Not available</td>
<td>60 - 100</td>
<td>Not classified</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 after inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. At room temperature, exposure by inhalation is not expected to cause any adverse effects on health.

First-aid measures after skin contact: Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. If material is injected under the skin, seek medical attention immediately. Heated product causes burns. Treat as thermal burns. Cool skin rapidly with cold water after contact with hot product.

First-aid measures after eye contact: Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists. Heated product causes burns. Treat as thermal burns.

First-aid measures after ingestion: Do not induce vomiting unless directed to do so by medical personnel. Immediately call a POISON CENTER or doctor/physician. Aspiration of this material may cause chemical pneumonia. Observe risk of aspiration if vomiting occurs.

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

Symptoms/injuries after inhalation: May cause respiratory irritation.

Symptoms/injuries after skin contact: May cause slight irritation to the skin.

Symptoms/injuries after eye contact: May cause slight irritation.

Symptoms/injuries after ingestion: Ingestion of large amounts may produce some discomfort and gastrointestinal disturbances including a laxative action.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: carbon dioxide (CO2), dry chemical powder, foam. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard: On exposure to high temperature, may decompose, releasing toxic/flammable vapours.

Hazardous decomposition products in case of fire: Toxic gases and fumes may be released in a fire. Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Precautionary measures fire: Use water spray or fog for cooling exposed containers.

Firefighting instructions: Fight fire with normal precautions from a reasonable distance.

Protective equipment for firefighters: In confined space use self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment: Wear suitable protective clothing. Use suitable eye protection and gloves.

Emergency procedures: Eliminate all ignition sources if safe to do so. Evacuate personnel to a safe area.

6.1.2. For emergency responders


Emergency procedures: Evacuate area. Ventilate affected area. Eliminate all ignition sources if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment: Take up large spills with pump or vacuum. Use only antistatically equipped (spark-free) tools. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. This material will float on water.

Methods for cleaning up: Clean up any spills as soon as possible, using an absorbent material to collect it. Do not absorb with saw-dust or any other combustible absorbent material. Remove from the water surface (e.g. skimming, sucking).

Other information: Relevant water authorities should be notified of any large spillage to water course or drain.

6.4. Reference to other sections

For disposal of residues refer to section 13: Disposal considerations.
SECTION 7: Handling and storage

7.1. Precautions for safe handling

| Precautions for safe handling | Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources. Keep container closed when not in use. Avoid contact with the skin and the eyes. Ensure adequate ventilation.

| Hygiene measures | Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Take care for general good hygiene and housekeeping. |

7.2. Conditions for safe storage, including any incompatibilities

| Storage conditions | Store tightly closed in a dry, cool and well-ventilated place. |
| Incompatible products | Oxidizing agent. |
| Storage temperature | < 45 °C |
| Heat and ignition sources | Keep away from open flames, hot surfaces and sources of ignition. |

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>White mineral oil, petroleum-- (8042-47-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belgium Limit value (mg/m³)</td>
</tr>
<tr>
<td>Belgium Short time value (mg/m³)</td>
</tr>
<tr>
<td>Bulgaria OEL TWA (mg/m³)</td>
</tr>
<tr>
<td>Czech Republic Exposiční limity (PEL) (mg/m³)</td>
</tr>
<tr>
<td>Czech Republic Exposiční limity (NPK-P) (mg/m³)</td>
</tr>
<tr>
<td>Denmark Grænseværdie (langvarig) (mg/m³)</td>
</tr>
<tr>
<td>Finland HTP-arvo (8h) (mg/m³)</td>
</tr>
<tr>
<td>Germany TRGS 900 Occupational exposure limit value (mg/m³)</td>
</tr>
<tr>
<td>Greece OEL TWA (mg/m³)</td>
</tr>
<tr>
<td>Hungary AK-érték</td>
</tr>
<tr>
<td>Ireland OEL (8 hours ref) (mg/m³)</td>
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<tr>
<td>Lithuania IPRV (mg/m³)</td>
</tr>
<tr>
<td>Lithuania TPRV (mg/m³)</td>
</tr>
<tr>
<td>Netherlands Grenswaarde TGG 8H (mg/m³)</td>
</tr>
<tr>
<td>Poland NDS (mg/m³)</td>
</tr>
<tr>
<td>Romania OEL TWA (mg/m³)</td>
</tr>
<tr>
<td>Romania OEL STEL (mg/m³)</td>
</tr>
<tr>
<td>Slovakia NPHV (priemerná) (mg/m³)</td>
</tr>
<tr>
<td>Slovakia NPHV (priemerná) (ppm)</td>
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<tr>
<td>Slovakia NPHV (Hraníčná) (mg/m³)</td>
</tr>
<tr>
<td>Slovakia NPHV (Hraníčná) (ppm)</td>
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<tr>
<td>Spain VLA-ED (mg/m³)</td>
</tr>
<tr>
<td>Spain VLA-EC (mg/m³)</td>
</tr>
<tr>
<td>Sweden nivågränsvärde (NVG) (mg/m³)</td>
</tr>
<tr>
<td>Sweden kortidsvärde (KTV) (mg/m³)</td>
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<tr>
<td>USA - ACGIH ACGIH TWA (mg/m³)</td>
</tr>
<tr>
<td>USA - ACGIH ACGIH STEL (mg/m³)</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

| Appropriate engineering controls | A washing facility/water for eye and skin cleaning purposes should be present. |
| Personal protective equipment | Protective goggles. Gloves. Protective clothing. |
Materials for protective clothing: Plastic apron or overall. EN 14605

Hand protection: Wear suitable gloves tested to EN374. Neoprene. NBR (Nitrile rubber). Thickness of glove material: 0.11 mm. Breakthrough times and swelling properties of the material must be taken into consideration.

Eye protection: Safety glasses with side shields. DIN EN 166

Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. If excessive exposure exists, use only approved air-purifying or supplied air respirator operated in a positive pressure mode.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
- Physical state: Liquid
- Appearance: Grease.
- Colour: Transparent.
- Odour: Odourless.
- Odour threshold: No data available
- pH: Not applicable
- Relative evaporation rate (butyl acetate=1): No data available
- Melting point: 93 °C
- Freezing point: Not applicable.
- Boiling point: No data available
- Flash point: > 148 °C Cleveland Open Cup
- Auto-ignition temperature: No data available
- Decomposition temperature: No data available
- Flammability (solid, gas): No data available
- Vapour pressure: No data available
- Relative vapour density at 20 °C: No data available
- Relative density: < 1 g/cm³
- Solubility: Soluble in organic solvents. Water: Negligible in water
- Log Pow: No data available
- Viscosity, kinematic: No data available
- Viscosity, dynamic: No data available
- Explosive properties: Not explosive
- Oxidising properties: Not oxidizing
- Explosive limits: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials
Strong acids. Strong oxidizing agents.
10.6. Hazardous decomposition products
Thermal decomposition can lead to the escape of irritating gases and vapours. On incomplete combustion releases: Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| Acute toxicity | No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
| Skin corrosion/irritation | Not classified |
| pH: | Not applicable |
| Serious eye damage/irritation | Not classified |
| pH: | Not applicable |
| Respiratory or skin sensitisation | Not classified |
| Germ cell mutagenicity | Not classified |
| Carcinogenicity | Not classified |
| Reproductive toxicity | Not classified |
| Specific target organ toxicity (single exposure) | Not classified |
| Specific target organ toxicity (repeated exposure) | Not classified |
| Aspiration hazard | Not classified |

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: The ecological assessment of this material is based on an evaluation of its components.

<table>
<thead>
<tr>
<th>White mineral oil, petroleum--</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 2</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>White mineral oil, petroleum-- (8042-47-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

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 treatment methods: Dispose of at authorized waste collection point. Recycle or dispose of in compliance with current legislation.

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

14.1. UN number

| UN-No. (ADR) | Not applicable |
| UN-No. (IMDG) | Not applicable |
| UN-No. (IATA) | Not applicable |
| UN-No. (ADN) | Not applicable |
| UN-No. (RID) | Not applicable |

14.2. UN proper shipping name

| Proper Shipping Name (ADR) | Not applicable |
| Proper Shipping Name (IMDG) | Not applicable |
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

IATA
Transport hazard class(es) (IATA) : Not applicable

ADN
Transport hazard class(es) (ADN) : Not applicable

RID
Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions 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. 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

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

15.1.2. National regulations

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Canadian DSL (Domestic Substances List)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on CICR (Turkish Inventory and Control of Chemicals)

Germany
VvwS Annex reference: Water hazard class (WGK) 1, low hazard to waters (Classification according to VwVwS, Annex 4)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands
SZW-lijst van kankerverwekkende stoffen: White mineral oil, petroleum-- is listed
SZW-lijst van mutagene stoffen: White mineral oil, petroleum-- is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling: None of the components are listed

Denmark
Classification remarks: Emergency management guidelines for the storage of flammable liquids must be followed

15.2. Chemical safety assessment
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

SECTION 16: Other information

Abbreviations and acronyms:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS</td>
<td>CAS (Chemical Abstracts Service) number</td>
</tr>
<tr>
<td>CLP</td>
<td>CLP - Classification, Labelling and Packaging</td>
</tr>
<tr>
<td>CSR</td>
<td>CSR - Chemical Safety Report</td>
</tr>
</tbody>
</table>

Sources of Key data: CLP Inventory.
Other information: 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. It is the user’s responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product. This SDS was prepared by Intertek. However, the information is provided without any warranty, expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. Users should make their own investigations to determine the suitability of the information or products for their particular purpose. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, Intertek does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.