Vacuum pump oil

SAFETY DATA SHEET

Preparation Date: 03-Mar-2016  Revision Date: 23-Sep-2020
Revision Number: 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier
Product Name: Vacuum pump oil

Other means of identification
Item#: 88606804
Synonyms: None

Recommended use of the chemical and restrictions on use
Recommended use: Lubricant
Uses advised against: All other

Details of the supplier of the safety data sheet
Supplier

Canada
DeLaval Inc.
10900 Rue Secant Street
Ville d’Anjou, Quebec H1J 1S5
Tel: (705) 741-3100

United States
DeLaval Manufacturing
11100 N. Congress Ave.
Kansas City, MO 64153
Tel: 816-891-7700, 8am – 5pm M-F

Emergency Telephone Number

Canada
Canutec 1-613-996-6666

United States
Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

CCOHS Regulatory Status
This product is not considered hazardous according to the HPR 2015.

OSHA Regulatory Status
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements

Emergency Overview

Appearance: Clear Blue
Physical state: Liquid
Odor: Characteristic

3. COMPOSITION/INFORMATION ON INGREDIENTS

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### 4. FIRST AID MEASURES

#### Description of first-aid measures

**Eye contact**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

**Skin contact**
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if symptoms occur.

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Ingestion**
Rinse mouth. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting without medical advice. Get medical attention if symptoms occur.

#### Most important symptoms and effects, both acute and delayed

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Dry chemical, Carbon dioxide (CO2), alcohol-resistant foam. Water spray (fog),

**Unsuitable Extinguishing Media**
Do NOT use water jet.

**Specific hazards arising from the chemical**
Heating of containers may cause pressure rise, with risk of bursting.

**Hazardous Combustion Products**
Carbon dioxide (CO2), Carbon monoxide, Sulphur oxides

**Sensitivity to static discharge**
None.

**Protective Equipment and Precautions for Firefighters**
Evacuate personnel to safe areas. Any action only if without personal risk. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<table>
<thead>
<tr>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**
Any action only if without personal risk. Evacuate personnel to safe areas. Keep unnecessary personnel away. Use personal protective equipment. Do not touch or walk through spilled material.
Advice for emergency responders  For personal protection see section 8.

Environmental Precautions
Avoid dispersal of spilt material into waterways, drains, and sewers. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up
Stop the flow of material. If this is without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceus earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for Safe Handling
Handling  Wear personal protective equipment. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Remove and wash contaminated clothing before re-use.

Conditions for safe storage, including any incompatibilities
Storage  Store in accordance with local regulations. Protect from sunlight and store in well-ventilated place. Keep tightly closed in a dry and cool place. Keep in properly labelled containers. Prevent release to the environment.

Incompatible Materials  strong oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Appropriate engineering controls
Engineering Controls  Ensure adequate ventilation, especially in confined areas. Use only with adequate ventilation to keep exposures below recommended exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment
Eye/face Protection  Safety glasses with side-shields.
Skin and body protection  Wear protective gloves and protective clothing.
Respiratory Protection  In case of inadequate ventilation wear respiratory protection.
General Hygiene Considerations  When using, do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties
Physical state  Liquid  Odor  Characteristic
Appearance  Clear Blue  Odor Threshold  No information available
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Other information

Liquid Density 0.88 g/cm³ [15°C]

10. STABILITY AND REACTIVITY

Reactivity
No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
Stable under recommended storage conditions.

Conditions to Avoid
Extremes of temperature and direct sunlight.

Incompatible Materials
strong oxidizing agents

Hazardous decomposition products
None under normal use.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

<table>
<thead>
<tr>
<th>Route</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>May cause skin irritation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

<table>
<thead>
<tr>
<th>Effect Type</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritation</td>
<td>Prolonged skin contact may cause skin irritation. Repeated exposure may cause skin dryness or cracking.</td>
</tr>
<tr>
<td>Sensitization</td>
<td>None known.</td>
</tr>
<tr>
<td>Mutagenic effects</td>
<td>None known.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>The table below indicates whether each agency has listed any ingredient as a carcinogen.</td>
</tr>
</tbody>
</table>
Chemical name | ACGIH | IARC | NTP | OSHA
--- | --- | --- | --- | ---
Distillates (petroleum), hydrotreated heavy paraffinic (< 3% DMSO extract (IP346)) 64742-54-7 | Not Listed | Not Listed | Known | Not Listed

Legend:

**NTP (National Toxicology Program)**
Known - Known Carcinogen

**Reproductive Effects**
None known.

**STOT - single exposure**
None known.

**STOT - repeated exposure**
None known.

**Aspiration Hazard**
None known.

**Numerical measures of toxicity**
If available, toxicity values of individual components are shown below.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic (&lt; 3% DMSO extract (IP346)) 64742-54-7</td>
<td>&gt; 15 g/kg (Rat)</td>
<td>&gt; 5000 mg/kg (Rabbit)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

1% of the mixture consists of ingredient(s) of unknown toxicity

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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**
If available, ecotoxicity values of individual components are shown below.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Microtox</th>
<th>Waterflea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic (&lt; 3% DMSO extract (IP346)) 64742-54-7</td>
<td>No data available</td>
<td>5000: 96 h Oncorhynchus mykiss mg/L LC50</td>
<td>No data available</td>
<td>1000: 48 h Daphnia magna mg/L EC50</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
No information available.

**Bioaccumulation/Accumulation**
No information available.

**Other adverse effects**
No information available

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**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste Disposal Method**
Contact your local waste disposal authority for advice, or pass to a chemical disposal company.

**Contaminated Packaging**
Triple rinse containers. Avoid contamination of any water supply with product or empty packaging. Empty containers should be taken for local recycling, recovery or waste disposal.

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**14. TRANSPORT INFORMATION**
15. REGULATORY INFORMATION

State Regulations

U.S. EPA Label information

EPA Pesticide registration number  Not applicable

16. OTHER INFORMATION

Preparation Date: 03-Mar-2016
Revision Date: 23-Sep-2020
Revision Note: None
Update Section: 2

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

End of SDS