

# SAFETY DATA SHEET

## DeLaval Vacuum pump oil non recirculating

Preparation Date: 04-Sep-2020  
Revision Number: 0.1  
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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name** DeLaval Vacuum pump oil non recirculating  
**Item#:** OP2009 - AUS  
**Recommended use** Vacuum pump oil for milk machines  
**Uses advised against** Restricted to professional users

**Contact Manufacturer** c/o DeLaval International AB  
PO BOX 39  
147 21 Tumba  
Sweden  
Tel + 46 08-530 66 000  
Email MSDS.EU@delaval.com

**Supplier** DeLaval Pty. Ltd.  
ACN 004 210 459,  
37 Bayside Avenue,  
Port Melbourne,  
VIC 3207,  
Australia. +61-3-8336 7977,  
Fax +61-3-8336 7900

**Emergency Telephone Number** 131 126 (Poison Control Centre)

### 2. HAZARD IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Not Hazardous.

#### 2.2. Label Elements

Not Hazardous

#### Note

Signal words and pictograms are not required on labels for AgVet chemicals.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name                          | CAS No | Weight-% |
|--|--------|----------|
| Mineral oil (IP 346 DMSO extract < 3%) | -      | > 60%    |

#### 4. FIRST AID MEASURES

|   |   |
|---|---|
| <b>General Advice</b>   | Call a POISON CENTER or doctor/physician. Antipoison Centre Australia 131 126 - New Zealand 0800 764 766.   |
| <b>Eye contact</b>  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.           |
| <b>Skin contact</b>   | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.                                 |
| <b>Inhalation</b>   | Remove from exposure, lie down. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| <b>Ingestion</b>  | Rinse mouth with water. Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.                        |
| <b>Effects of overexposure</b>  | No information available  |
| <b>Indication of any immediate medical attention and special treatment needed</b> | No information available  |
| <b>Notes to Physician</b>   | Treat symptomatically.  |

#### 5. FIRE-FIGHTING MEASURES

|  |  |
|--|--|
| <b>Suitable Extinguishing Media</b>                          | Water fog. alcohol-resistant foam. Foam. Dry chemical. Carbon dioxide (CO2).   |
| <b>Unsuitable Extinguishing Media</b>                        | No information available   |
| <b>Specific hazards arising from the chemical</b>            | May give off toxic fumes in a fire, wear breathing apparatus.  |
| <b>Protective Equipment and Precautions for Firefighters</b> | Wear self contained breathing apparatus for fire fighting if necessary. Use personal protective equipment. Do not breathe vapours. |
| <b>Hazchem Code</b>  | No Hazchem Code allocated  |

#### 6. ACCIDENTAL RELEASE MEASURES

|                                  |  |
|----------------------------------|--|
| <b>Personal precautions</b>      | Use personal protective equipment. Avoid contact with the skin and the eyes. Do not breathe vapours. Do not breathe dust.  |
| <b>Environmental Precautions</b> | Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Prevent entry to sewers and public waters. For large volumes keep away from storm drains, surface waters, and soils. |
| <b>Methods for cleaning up</b>   | Keep upwind. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take up mechanically and collect in suitable   |

container for disposal. Pick up and transfer to properly labelled containers.

## 7. HANDLING AND STORAGE

|                              |  |
|------------------------------|--|
| <b>Safe Handling Advice</b>  | Handle in accordance with good industrial hygiene and safety practice.   |
| <b>Storage</b>               | Keep in a dry, cool and well-ventilated place. Keep cool and protect from sunlight. Keep away from food, drink, and animal feedstuffs. Store away from incompatible materials. Keep away from heat and sources of ignition. Store in upright position only. Keep container tightly closed. |
| <b>Incompatible products</b> | No information available.  |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure controls

| <b>Exposure limits</b>                 | No exposure standard allocated                          |         |         |
|--|---|---------|---------|
| Chemical name                          | ES-TWA  | ES-STEL | ES-Peak |
| Mineral oil (IP 346 DMSO extract < 3%) | 5 mg/m <sup>3</sup> As published by Safe Work Australia | -       | -       |

|                             |  |
|-----------------------------|--|
| <b>Biological standards</b> | No biological limit allocated  |
| <b>Engineering Controls</b> | Use only with adequate ventilation to keep exposures below recommended exposure limits. Use with ventilation, local exhaust ventilation or breathing protection. |

### Personal Protective Equipment

|                                       |  |
|---------------------------------------|--|
| <b>Eye/face Protection</b>            | Tightly fitting safety goggles   |
| <b>Skin Protection</b>                | Protective gloves, Boots, Long sleeved clothing  |
| <b>Hand Protection</b>                | Protective gloves nitrile rubber   |
| <b>Respiratory Protection</b>         | No special protective equipment required.  |
| <b>General Hygiene Considerations</b> | Keep away from food, drink and animal feedingstuffs. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Ensure that eyewash stations and safety showers are close to the workstation location. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                               |
|--|-------------------------------|
| <b>Appearance</b>                                  | Blue                          |
| <b>Physical state</b>                              | Liquid                        |
| <b>Odor</b>  | Characteristic                |
| <b>Odor Threshold</b>                              | No information available      |
| <b>pH</b>  | Not applicable                |
| <b>Specific Gravity</b>                            | No data available             |
| <b>Vapor Pressure</b>                              | No data available             |
| <b>Vapor Density</b>                               | No data available             |
| <b>Flash Point</b>                                 | > 185 °C                      |
| <b>Autoignition Temperature</b>                    | No data available             |
| <b>Boiling Point/Range</b>                         |                               |
| <b>Melting Point/Range</b>                         | No data available             |
| <b>Freezing Point/Range</b>                        | No data available             |
| <b>Decomposition temperature</b>                   | No information available      |
| <b>Flammability (solid, gas)</b>                   | No information available      |
| <b>Explosion Limits</b>                            | No information available      |
| <b>Evaporation Rate</b>                            | No data available             |
| <b>Liquid Density</b>                              | 0,86 g/cm <sup>3</sup> (15°C) |
| <b>Relative Density</b>                            | No data available             |
| <b>Solubility</b>                                  | No information available      |
| <b>Partition Coefficient<br/>(n-octanol/water)</b> | No data available             |
| <b>VOC Content</b>                                 | No data available             |
| <b>Viscosity</b>                                   | 46 mm <sup>2</sup> /s @ 40°C  |

## 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Reactivity</b>                         | No information available   |
| <b>Chemical Stability</b>                 | Stable under recommended storage conditions.   |
| <b>Possibility of hazardous reactions</b> | None known   |
| <b>Conditions to Avoid</b>                | Excessive heat. High energy sources of ignition.   |
| <b>Incompatible Materials</b>             | Incompatible with oxidizing agents   |
| <b>Hazardous decomposition products</b>   | Carbon oxides, nitrogen oxides (NOx), smokes, Burning produces obnoxious and toxic fumes |

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

|                     |                           |
|---------------------|---------------------------|
| <b>Inhalation</b>   | No information available. |
| <b>Skin contact</b> | No information available. |
| <b>Ingestion</b>    | No information available. |

### **Component Analysis -**

**LD50/LC50****Potential Health Effects**

|   |  |
|---|--|
| <b>Skin Corrosion/Irritation</b>                                    | No information available.                        |
| <b>Serious eye damage/eye irritation</b>                            | No information available.                        |
| <b>Respiratory or skin sensitization</b>                            | No information available.                        |
| <b>Mutagenic effects</b>  | No information available.                        |
| <b>Carcinogenicity</b>  | Contains no ingredient listed as a carcinogen.   |
| <b>Reproductive Effects</b>   | No information available.                        |
| <b>STOT - single exposure</b>                                       | No information available.                        |
| <b>STOT - repeated exposure</b>                                     | Not hazardous.                                   |
| <b>Aspiration Hazard</b>  | No information available.                        |
| <b>Information on likely routes of exposure</b>                     | No known significant effects or critical hazards |
| <b>Early onset symptoms related to exposure (Immediate effects)</b> | None known                                       |
| <b>Delayed health effects from exposure</b>                         | none known                                       |

|                                   |
|-----------------------------------|
| <b>12. ECOLOGICAL INFORMATION</b> |
|-----------------------------------|

**Ecotoxicity**

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity effects</b>           | <p>Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. No known significant effects or critical hazards. Do not contaminate surface water. Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): &gt;100 mg/L</p> <p>Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): &gt;100 mg/L, where the substance is not rapidly degradable and/or BCF &lt; 500 and/or log Kow &lt; 4.</p> <p>.</p> |
| <b>Persistence and degradability</b> | No information available   |
| <b>Bioaccumulation/Accumulation</b>  | No information available.  |
| <b>Mobility</b>                      | No information available.  |

**Other adverse effects** No information available

**Biodegradation** No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method** Can be landfilled, when in compliance with local regulations. Dispose of in accordance with local regulations.

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal. Dispose of in accordance with local regulations.

**Personal precautions** Use personal protective equipment. Avoid contact with the skin and the eyes. Do not breathe vapours. Do not breathe dust.

### 14. TRANSPORT INFORMATION

#### Road and Rail transport

**UN-No** Not classified as Dangerous goods by the criteria of  
 - the "Australian Code for the Transport of Dangerous Goods by Road & Trail";  
 - the "New Zealand NZS5433: Transport of Dangerous Goods on Land";  
 - IMDG and IATA

**Proper Shipping Name** Not regulated  
**Technical name** Not regulated  
**Hazard Class** Not regulated  
**Packing Group** Not regulated  
**Environmental hazard** Not regulated  
**Special Precautions** Not regulated  
**Hazchem Code** No Hazchem Code allocated

#### IMDG/IMO

**UN number or ID number** Not regulated  
**Proper shipping name** Not regulated  
**Technical name** Not regulated  
**Transport hazard class(es)** Not regulated  
**Packing Group** Not regulated  
**IMDG Marine Pollutant** Not regulated

#### IATA/ICAO

**UN number or ID number** Not regulated  
**Proper Shipping Name** Not regulated  
**Technical name** Not regulated  
**Transport hazard class(es)** Not regulated  
**Packing group** Not regulated

### 15. REGULATORY INFORMATION

**Safety, health and environmental** No information available

**regulations/legislation specific  
for the substance or mixture****Poison Schedule Number** No poison schedule number allocated

|                       |
|-----------------------|
| 16. OTHER INFORMATION |
|-----------------------|

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Belgium**Preparation Date:** 04-Sep-2020**Date of last revision:** 16-Sep-2025**Revision Number:** 0.1**Reason for revision** 5-Yearly revision (no changes required).**Disclaimer**

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**End of SDS**