

SAFETY DATA SHEET

DeLaval Vacuum pump oil non recirculating

Preparation Date: 04-Sep-2020

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
1 Global Drive
Westmeadows, VIC 3049
Australia
Telephone 61-3-8336-7977

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

General Advice Call a POISON CENTER or doctor/physician. Antipoison Centre Australia 131 126
- New Zealand 0800 764 766.

Eye contact	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.
Skin contact	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.
Inhalation	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.
Ingestion	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.
Effects of overexposure	No information available
Indication of any immediate medical attention and special treatment needed	No information available
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water fog. alcohol-resistant foam. Foam. Dry chemical. Carbon dioxide (CO ₂).
Unsuitable Extinguishing Media	No information available
Specific hazards arising from the chemical	May give off toxic fumes in a fire, wear breathing apparatus.
Protective Equipment and Precautions for Firefighters	Wear self contained breathing apparatus for fire fighting if necessary. Use personal protective equipment. Do not breathe vapours.
Hazchem Code	No Hazchem Code allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid contact with the skin and the eyes. Do not breathe vapours. Do not breathe dust.
Environmental Precautions	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.
Methods for cleaning up	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

Safe Handling Advice	Handle in accordance with good industrial hygiene and safety practice.
Storage	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.

Incompatible products No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits No exposure standard allocated

Chemical name	ES-TWA	ES-STEL	ES-Peak
Mineral oil (IP 346 DMSO extract < 3%)	5 mg/m ³ As published by Safe Work Australia	-	-

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

Personal Protective Equipment

Eye/face Protection Tightly fitting safety goggles

Skin Protection Protective gloves, Boots, Long sleeved clothing

Hand Protection Protective gloves, nitrile rubber

Respiratory Protection No special protective equipment required.

General Hygiene Considerations 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

Appearance	Blue
Physical state	Liquid
Odor	Characteristic
Odor Threshold	No information available
pH	Not applicable
Specific Gravity	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Flash Point	225 °C
Autoignition Temperature	No data available
Boiling Point/Range	>300 °C
Melting Point/Range	No data available
Freezing Point/Range	No data available
Decomposition temperature	No information available
Flammability (solid, gas)	No information available
Explosion Limits	No information available
Evaporation Rate	No data available
Liquid Density	0,87 g/cm ³ (15°C)
Relative Density	No data available
Solubility	No information available
Partition Coefficient (n-octanol/water)	No data available
VOC Content	No data available
Viscosity	46 mm ² /s @ 40°C

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Inhalation	No information available.
Skin contact	No information available.
Ingestion	No information available.

Component Analysis - LD50/LC50

Potential Health Effects

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects	<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): >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): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.</p> <p>.</p>
Persistence and degradability	No information available
Bioaccumulation/Accumulation	No information available.
Mobility	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-No	Not regulated
Proper shipping name	Not regulated
Technical name	Not regulated
Hazard Class	Not regulated
Packing Group	Not regulated
IMDG Marine Pollutant	Not regulated

IATA/ICAO

UN-No	Not regulated
Proper Shipping Name	Not regulated
Technical name	Not regulated
Hazard Class	Not regulated
Packing Group	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	No information available
Poison Schedule Number	No poison schedule number allocated

16. OTHER INFORMATION

Prepared By DeLaval NV
Industriepark-Drongen 10
9031 Gent
Belgium

Preparation Date: 04-Sep-2020

Disclaimer

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End of SDS