

SAFETY DATA SHEET

DeLaval Vacuum pump oil

Preparation Date: 24-Aug-2015
Revision Number: 1
Date of last revision: 24-Aug-2020

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

Product Name DeLaval Vacuum pump oil
Item#: FS0001 - AU
Recommended use Lubricant
Uses advised against Restricted to professional users

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 a dangerous substance or mixture according to the Globally Harmonized System (GHS).

2.2. Label Elements

Hazard Pictogram(s) Not hazardous
Precautionary statements Keep out of reach of children
Safety data sheet available on request

Note

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Petroleum distillates, solvent dewaxed heavy paraffinic (IP 346 DMSO extract < 3%)	64742-65-0	> 90%

4. FIRST AID MEASURES

Eye contact In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical advice/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	Move to fresh air. Get medical attention if symptoms occur.
Ingestion	Rinse mouth. Move person to fresh air. If symptoms persist, call a physician. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. 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

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO ₂). alcohol-resistant foam. Water spray.
Unsuitable Extinguishing Media	No information available
Specific hazards arising from the chemical	Carbon dioxide (CO ₂). Carbon monoxide. Sulphur oxides. Heating of containers may cause pressure rise, with risk of bursting.
Protective Equipment and Precautions for Firefighters	Evacuate personnel to safe areas. Any action only if without personal risk.
Hazchem Code	No Hazchem Code allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Any action only if without personal risk. Evacuate personnel to safe areas. Use personal protective equipment.
Environmental Precautions	Avoid dispersal of spilt material into waterways, drains, and sewers. Local authorities should be advised if significant spillages cannot be contained.
Methods for cleaning up	Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Safe Handling Advice	Handle in accordance with good industrial hygiene and safety practice.
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 products	No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
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Occupational exposure controls

Exposure limits	No exposure standard allocated
Biological standards	No biological limit allocated
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
<u>Personal Protective Equipment</u>	
Eye/face Protection	Safety glasses with side-shields
Skin Protection	Wear protective gloves/clothing
Hand Protection	Impervious gloves
Respiratory Protection	Ensure adequate ventilation. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
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

Appearance	Clear Blue
Physical state	Liquid
Odor	Characteristic
Odor Threshold	No information available
pH	neutral 7
Specific Gravity	No data available
Water Solubility	Insoluble in water
Vapor Pressure	<0.01 kPa (20 °C)
Vapor Density	No data available
Flash Point	> 200 °C (ASTM D92, COC)
Autoignition Temperature	> 300 °C (oil base)
Boiling Point/Range	> 300 °C (oil base)
Melting Point/Range	< -21 °C
Freezing Point/Range	No data available
Decomposition temperature	> 300 °C
Upper flammability limit:	Not known
Lower flammability limit:	Not known
Flammability (solid, gas)	No information available
Explosion Limits	No information available
Evaporation Rate	No data available
Liquid Density	0.88 (15°C)
Relative Density	No data available
Solubility	Insoluble in water
Partition Coefficient (n-octanol/water)	No information available
Viscosity	59 cSt (40 °C)

10. STABILITY AND REACTIVITY

Reactivity	No information available
Chemical Stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None under normal use
Conditions to Avoid	No information available.
Incompatible Materials	strong oxidizing agents
Hazardous decomposition products	Thermal decomposition can lead to release of irritating gases and vapours, Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Inhalation	No known significant effects or critical hazards.
Skin contact	Defatting to skin. May cause skin irritation.
Ingestion	No known significant effects or critical hazards.

**Component Analysis -
LD50/LC50**

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, solvent dewaxed heavy paraffinic (IP 346 DMSO extract < 3%) 64742-65-0	> 5000 mg/kg	> 5000 mg/kg	5.53 mg/l

Potential Health Effects

Skin Corrosion/Irritation	No information available.
Serious eye damage/eye irritation	No information available.
<u>Chronic Toxicity</u>	Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
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	No known significant effects or critical hazards. Avoid subsoil penetration. Do not contaminate surface water.
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Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Petroleum distillates, solvent dewaxed heavy paraffinic (IP 346 DMSO extract < 3%)		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

Persistence and degradability	Not readily biodegradable
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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 Any action only if without personal risk. Evacuate personnel to safe areas. Use personal protective equipment.

14. TRANSPORT INFORMATION

Road and Rail transport

UN-No	Not regulated
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 No information available

for the substance or mixture**Poison Schedule Number** No poison schedule number allocated

16. OTHER INFORMATION

Prepared By DeLaval NV
Industriepark-Drongen 10
9031 Gent
Belgium**Preparation Date:** 24-Aug-2015**Revision Date:** 24-Aug-2020**Revision Number:** 1**Reason for revision** 5-yearly general revision.**Disclaimer**

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End of SDS