

Preparation Date: 04-Sep-2020
Revision Number: 0.2
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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 - NZ
Recommended use Vacuum pump oil for milk machines
Uses advised against Restricted to professional users

Supplier DeLaval Ltd,
82 Greenwood street,
Hamilton
New Zealand

Telephone Number (07) 849-6020
(8am - 4:30pm Mon-Fri)

Emergency Telephone Number 0800 764 766 (National Poison Centre)
0800 243 622 CHEMCALL

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture according to GHS

Not Hazardous.

2.2. Label Elements

Not Hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

4. FIRST AID MEASURES

Workplace Facilities Eyewash bottle with clean water

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.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code	Not applicable
Flammable Properties	No information available.
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.

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

Handling	Avoid contact with skin and eyes. Avoid breathing vapors or mists. Do not inhale aerosol.
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.

Type of Container/Package Store in original container

Handle and store according to AS/NZS Standards and the Responsible Care Management Systems: Managers Handbook.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	WES (New Zealand)
Mineral oil (IP 346 DMSO extract < 3%)	TWA: 5mg/m ³ STEL: -

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
pH	Not applicable
Vapor Pressure	No data available
Vapor Density	No data available
Flash Point	225 °C
Autoignition Temperature	No data available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Boiling Point/Range	>300 °C
Freezing Point/Range	No data available
Solubility	No information available
Solubility in other solvents	No data available
Specific Gravity	No data available
Liquid Density	0,87 g/cm ³ (15°C)
Viscosity	46 mm ² /s @ 40°C
Kinematic viscosity	

VOC Content No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
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.
Possibility of hazardous reactions	None known

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
Inhalation	No information available.
Eye contact	No information available.
Skin contact	No information available.
Ingestion	No information available.

Component Information

Irritation	No information available
Corrosivity	No information available.
Sensitization	No information available.
Mutagenic effects	No information available.
Carcinogenicity	There are no known carcinogenic chemicals in this product.
Reproductive Effects	No information available.
Developmental Effects	No information available.
STOT - single exposure	No information available
STOT - repeated exposure	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity**Ecotoxicity effects**

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

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.

Persistence and degradability

No information available

Bioaccumulation/Accumulation

No information available.

Mobility

No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

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
Hazchem Code**

Not regulated
 Not applicable

15. REGULATORY INFORMATION

ERMA Reference

ERMA User Guide to the HSNO Controls, which links to the Hazardous Substances Regulations 2001

16. OTHER INFORMATION

Prepared By	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
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References	<ul style="list-style-type: none">- Hazardous Substances (Hazardous Classification) Notice 2020- Hazardous substances (Labelling) Notice 2017- Hazardous Substances (Safety Data Sheets) Notice 2017- GHS8- European Agreement concerning the International Carriage of Dangerous Goods by Road- New Zealand Workplace Exposure Standards (WES)- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans- Chemical Classification and Information Database (CCID)

Disclaimer

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End of SDS