

# VETPAK SAFETY DATA SHEET

## Section 1: Identification of the Substance or Mixture and of the Supplier

**Product Name:** Paraffin Oil

Other names: White mineral oil.

**Recommended Use:** As an intestinal lubricant. As a food grade lubricant. In the production of cosmetic and pharmaceuticals.

**Company Details:** Vetpak Ltd.

**Address:** 249 Bruce Berquist Dr, Te Awamutu 3800.

**Telephone Number:** (07) 870 2024

**Emergency Telephone Number:** (07) 870 2024 8.00am to 5.00pm Monday to Friday except public holidays. National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (0800) 764-766 24 hours.

**Date of Preparation:** 19<sup>th</sup> August 2019

## Section 2: Hazards Identification

### STATEMENT OF HAZARDOUS NATURE

**This product is HAZARDOUS IN THIS FORM AND AT THIS STRENGTH.**

Handle correctly and as directed by this SDS.

### HAZARD LABELLING WARNING

N/A

### HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
9.1D	Ecotoxic in the aquatic environment	None	None	H413 May cause long lasting harmful effects to aquatic life

### Prevention Statements:

P103: Read label before use.

P273: Avoid release to the environment

## Section 3: Composition / Information on Ingredients:

### COMPOSITION

Ingredient	CAS Number	% w/w	HAZARDOUS
White Mineral Oil	8042-47-5	>99	Yes
Vitamin E	59-02-9	<1	No

## Section 4: First Aid Measures:

**Swallowed:** Do not induce vomiting. Treat symptomatically.

**Skin:** Wash skin with soap and water. Remove contaminated clothing. Launder clothing before re-use. Obtain medical attention if irritation persists.

**Eye:** Flush eyes thoroughly with water for several minutes. Obtain medical attention if irritation persists.

**Inhaled:** Remove to fresh air if aerosol spray is inhaled. Exposed persons should be kept under medical observation for at least 48 hours, because delayed effects can occur.

**Workplace Facilities:** Running water.

**Notes for Medical Personnel:** Contact National Poisons Centre.

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## Section 5: Fire Fighting Measures

**Type of Hazard:** Flammable.

**Fire Hazard Properties:** None

**Extinguishing Media & Methods:** Treat as an oil fire. SMALL FIRES: CO2, Dry powder, Foam. LARGE FIRES: Alcohol-type foam or universal-type foams. Water fog.

**Recommended Protective Clothing:** Body covering protective clothing, full "turn out" gear. Self-contained breathing apparatus with full face piece operated in positive pressure mode.

## Section 6: Accidental Release Methods

**Procedures to be covered:** Wear protective clothing when taking up spill. Floor may be slippery; use care to avoid falling. Absorb on inert material such as sand, earth, vermiculite. Prevent from entering sewers and drains. Should this product enter sewers or drains, it should be pumped out into an open vessel. Emergency services may need to be called to assist in this operation.

## Section 7: Handling and Storage

**Handling Practices:** Never use pressure to empty drums. Keep drums tightly closed to prevent contamination. Residual vapours may explode on ignition; do not puncture, drill, grind, or weld near this container. Electrically bond and ground all containers and equipment before transfer or use of material.

**Store Site Requirements:** Normal precautions common to safe manufacturing practice should be followed in handling and storage. Store in a dry place. Store away from strong oxidising agents. Keep out of strong sunlight. Keep away from heat and flame. Keep container tightly closed.

## Section 8: Exposure Controls / Personal Protection

**Workplace Exposure Standards:** None specified.

TWA (mineral oil mist) ACGIH 5.0mg / m<sup>3</sup>

STEL (mineral oil mist) ACGIH 10.0mg / m<sup>3</sup>

**Engineering Controls:** Local ventilation is required in the presence of airborne mists.

**Personal Protective Equipment (PPE):** RESPIRATORY: Wear a dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. EYE/FACE: Safety glasses with side shields or chemical goggles AS/NZS 1337. HAND: Impervious gloves AS/NZS 2161. SKIN/BODY: Overalls, safety shoes.



**Hygiene Measures:** Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet facilities.

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## Section 9: Physical and Chemical Properties

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**Appearance (physical state, colour, etc.):** Clear viscous liquid.

**Odour:** None

**Boiling Point / Melting Point:** >230°C / -

**Specific Gravity:** 0.8463 at 25°C

**Flash Point:** > 120°C

**Flammability:** Non-combustible solid.

**Flammable Limits:** Not available

**Ignition temperature:** Not available

**pH:** No data

**Solubility in Water:** Insoluble.

**Vapour Pressure:** <0.008hPa (0.01mmHg) at 20°C.

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## Section 10: Stability and Reactivity

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**Stability of the Substance:** Stable.

**Material to avoid:** Strong oxidising agents, sunlight or ultraviolet light, heat or high temperature.

**Hazardous decomposition Products:** Oxidates of carbon

**Hazardous polymerization:** Will not occur.

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## Section 11: Toxicological Information

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**Acute Effects:**

**Swallowed:** May act as an intestinal lubricant and result in diarrhoea and frequent loose stools.

**Skin:** Not expected to be toxic.

**Eye:** Irritation may occur.

**Inhaled:** Aspiration may cause pulmonary oedema or aspiration pneumonia.

**Chronic Effects:** Aspiration may cause pulmonary oedema or aspiration pneumonia. Oil deposits in the lung may lead to fibrosis and reduced pulmonary function. Prolonged or repeated inhalation of excessive amounts of oil mist or vapours may cause irritation of the respiratory tract. Obtain medical attention for any breathing difficulty.

**Chronic Toxicity:** Not known.

**Irritation/Corrosion:** Not known.

**Carcinogenicity:** Not considered to be a coarcinogen.

**Mutagenic Effects:** Not suspected of causing genetic defects.

**Reproductive or developmental effects:** Not known.

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## Section 12: Ecological Information

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**Potential Environmental Considerations:** Avoid release to waterways, sewers and storm water drains.

**Ecotoxicity in water:**

**Chronic:**

**Phytotoxicity:** No Data

**Persistence and Degradability:** Persistence unlikely, Biodegradable.

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**Mobility:** No data.

**Bioaccumulation:** Not likely.

**BOD and COD:** No Data

**Products of Biodegradation:** No Data

**Toxicity of the Products of Biodegradation:** No Data

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## Section 13: Disposal Considerations

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**Disposal Information:** Disposal of the spilled or waste product must occur in accordance with applicable local, regional and government regulations.

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## Section 14: Transport Information

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**Hazard Class:** 9.1D

**UN Number:** None

**Packing Group:** None

**Hazchem Code:** None

**Land Transport:** Check regulations

**Sea Transport:** Check regulations

**Air Transport:** Check regulations

**Other Information:**

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## Section 15: Regulatory Information

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**HSNO Approval Number:**

**HSNO Classifications:**

9.1D (Ecotoxic in the aquatic environment)

**Regulatory status:** This product is an NF or USP grade White Mineral Oil which is used for a variety of applications such as food grade lubricants and in the production of cosmetics and pharmaceuticals. It meets the requirements of the US FDA as per 21 CFR 172.878 and 21 CFR 178.3620(a)

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## Section 16: Other Information

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### Interpretation and Abbreviations

Controls applying to a substance:

- \* denotes that changes have been made to these controls, further information on these changes is located in the transfer notice for that substance,
- ( R ) abbreviation for the term Regulation of the Hazardous Substances regulations

AICS – Australian Inventory of Chemical Substances

AOX – Absorbable organic halogens.

APF – Assigned Protection Factor.

BOD – Biochemical Oxygen Demand China

COD – Chemical Oxygen Demand

DSL – Canadian Domestic Substances List.

EC50 – Half maximal effective concentration. The concentration of a toxicant which induces a response halfway between the baseline and maximum after a specified exposure time.

EINECS – European Inventory of Existing Commercial Chemical Substances.

ENCS – Japanese Existing and New Chemical substances.

IARC – International Agency for Research on Cancer.

IDLH – Immediately Dangerous to Life or Health Concentrations.

ISHL – Japanese Industrial Safety and Health Law List of Chemicals.

LOEL – Lowest Observed Effect Level.

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LD<sup>50</sup> – Lethal Dose sufficient to kill 50 percent of the test population within a certain time  
LD<sub>LO</sub> – Lethal Dose Low (the lowest dosage per unit of bodyweight of a substance known to have resulted in fatality in a particular animal species).  
MAK – Maximum workplace concentration in the workplace air that generally does not have known adverse effects on the health of the employee nor cause unreasonable annoyance when a person is repeatedly exposed during long periods, usually 8 hours daily, 40hour working week).  
NOAA – National Oceanic and Atmospheric Administration.  
NOEC – No Observed Effect Concentration.  
NTP – National Toxicology Program.  
NZIoC – New Zealand Inventory of Chemicals.  
OECD HPV – The Organisation for Economic Co-operation and Development High Product Volume Chemicals.  
PEL – Permissible exposure limit.  
PPE – Personal Protective Equipment.  
Prop 65 – California Proposition 65 List of Chemicals.  
RTECS – Registry of Toxic Effects of Chemical substances  
STEL – Short term exposure limit.  
TOC – Total Organic Carbon.  
TSCA – US Toxic Substances Control Act Existing Chemicals.  
TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.  
VOC – Volatile Organic Compounds.

**Date of Preparation/Review:** 19<sup>th</sup> August 2019

**Sources of key data used to compile the datasheet:**

Manufacturers SDS  
NZ EPA CCID  
Health and Safety at Work (Hazardous Substances) Regulations 2017  
Hazardous Substances (Minimum Degrees of Hazard) Notice 2017  
Hazardous Substances (Safety Data Sheets Notice 2017  
Hazardous Substances (Classification) Notice 2017  
Labelling of Hazardous Substances Technical Guide 2012

**DISCLAIMER**

*The information contained in this safety data sheet was obtained from current and reliable sources. This data is supplied without warranty, expressed or implied, regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.*

**END OF SDS**