

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: 150 Rickit Road, Te Awamutu.

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 Revision: 8th August 2008.

Section 2: Hazards Identification

Hazards Classification:

9.1D

May cause long lasting harmful effects to aquatic life.

Prevention Statements

P103: Read label before use

P104: Read safety data sheet before use.

P273: Avoid release to the environment.

Response Statements

None.

Required Identification Details:

Section 3: Composition / Information on Ingredients:

Classification and Type:

INGREDIENTS:

| Pure Substance | CAS Number | Proportion |
|-------------------|------------|---------------|
| White Mineral Oil | 8042-47-5 | 100% |
| Vitamin E | 59-02-9 | 5.0 – 10.0ppm |

Section 4: First Aid Measures:

Description of necessary 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: Obtain medical attention. Oxygen can be given by qualified medical personnel if breathing is



VETPAK SAFETY DATA SHEET

difficult or cyanosis (blue discolouration of the skin) is noted. Give artificial respiration if not breathing. 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.

Section 5: Fire Fighting Measures

Type of Hazard: Flammable.

Fire Hazard Properties: Flash point: >120°C (248°F)

Extinguishing Media & Methods:

Suitable: Treat as an oil fire.

Small fires: CO₂, Dry powder, Foam.

Large fires: Alcohol-type foam or universal-type foams. Water fog.

Unsuitable: Oil will float on water and can spread any fire.

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:

Personal precautions: Wear protective clothing when taking up spill. Eliminate sources of ignition.

Environmental precautions: This product is insoluble in water and will float on the surface. 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.

Methods for cleaning up: Floor may be slippery; use care to avoid falling.

Small spills: Absorb on inert material such as sand, earth, vermiculite.

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

Subsection 1: Workplace Exposure Guidelines (may also be considered in Section 2)

Workplace Exposure Standards: Not listed in Workplace Exposure Standards (WES) by ERMA New Zealand. If used in a way that generates a mist, observe the limits for Mineral Oil Mist.

TWA (mist) ACGIH 5.0mg / m³

STEL (mist) ACGIH 10.0mg / m³

Application in the Workplace:

Exposure Standards outside the Workplace:

Subsection 2: Engineering Controls:



VETPAK SAFETY DATA SHEET

Local ventilation is required in the presence of airborne mists.

Subsection 3: Personal Protective Equipment (PPE):

Detail specifications for equipment: If vapour and / or mist is generated by heating, spraying etc., wear an organic vapour respirator with a mist filter. No special respiratory protection is normally required. Wear oil resistant gloves. Wear face shield or chemical splash goggles in case of splashing. Wear protective clothing.

General hygiene: Wash hands thoroughly with soap and water after handling.

Section 9: Physical and Chemical Properties

Specify data for the product not the individual components:

Required Specifications:

Physical State: Liquid.

Appearance: Clear viscous liquid.

Boiling Point: >230°C

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

Specific Gravity: 0.8463 at 25°C

Flash Point: > 120°C (248°F)

Flammability Limits: Not available.

Solubility in Water: Insoluble.

Section 10: Stability and Reactivity

Stability of the Substance: Stable.

Material to avoid: Normally unreactive; however avoid contact with:

Strong oxidising agents

Sunlight or ultraviolet light

Heat or high temperature.

Hazardous decomposition Products: Burning can produce the following combustion products:

Oxidates of carbon

Soot.

Hazardous polymerization: Will not occur.

Section 11: Toxicological Information

Acute Effects: Not expected to be toxic by ingestion. The product may act as an intestinal lubricant and result in diarrhoea and frequent loose stools.

Swallowed: Not expected to be toxic by ingestion. The product may act as an intestinal lubricant and result in diarrhoea and frequent loose stools.

Skin: Not expected to be toxic.

Eye: Not expected to be toxic. Irritation may occur.

Inhaled: Aspiration may cause pulmonary oedema or aspiration pneumonia.

Long Term 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.



VETPAK SAFETY DATA SHEET

Section 12: Ecological Information

Potential Environmental Considerations: This product is bio-accumulative.

Data: Domestic sewerage was inoculated with 20mg /L. 0% degradation after 28 days.

Environmental risk phrases:

P273: Avoid release to the environment.

Section 13: Disposal Considerations

Disposal Information: Incineration is probably the best means of disposal. Dispose of in accordance with appropriate Government and Local regulations.

Section 14: Transport Information

Relevant information:

DOT classification. This product is not regulated by DOT.

Freight description road: 65 Petroleum Oil N.O.I.B.N.

IMDG Classification: This product is not regulated by IMDG.

ICAO Classification: This product is not regulated by ICAO.

Section 15: Regulatory Information

Regulatory status:

FDA: 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)

Section 16: Other Information

Additional Information: 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.

1. The above information has been compiled on the basis of good faith, and our experience from the available technical knowledge and data for this product.
 2. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used.
 3. No responsibility can be accepted for the wrongful or misinterpretation of this data.
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