

Version 1.1

Issue date 24/09/2024

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

Product Identifier

Product Name	Parrafin Oil
Other Names	White mineral oil
Proper Shipping Name	Light Liquid Paraffin / Light Mineral Oils
Other means of Identification	None

Relevant identified uses of the substance or mixture

Relevant identified uses	As an intestinal lubricant. As a food grade lubricant. In the production of cosmetic and pharmaceuticals
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Details of the supplier of the safety data sheet

Registered company name	Vetpak Limited
Address	249 Bruce Berquist Dr, Te Awamutu 3800.
Telephone	(07) 870 2024
Website	www.vetpak.co.nz
Email	sales@vetpak.co.nz

Emergency telephone numbers

Association/ Organisation	New Zealand National Poison information centre
Emergency telephone number	0800 764 766 (07) 870 2024 Vetpak. 8.00am to 5.00pm Monday to Friday except public holidays.
Other emergency telephone numbers	New Zealand emergency services 111

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification:

Classed as a dangerous good for transport and logistics

Hazardous according to the criteria of the Globally Harmonised System of classification and labelling of chemicals (GHS)

Label pictograms

GHS label elements	
Signal Word	NONE

Hazard statements

HSNO	Hazard Code	GHS Category	Hazard Statement
9.1D	H 413	None	May cause long lasting harmful effects to aquatic life

Precautionary statements prevention

P103	Read label before use
P273	Avoid release to the environment

Precautionary statement disposal

P501	Disposal should be through a suitably qualified contractor following the EPA guidelines
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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

CAS Number	% (weight)	Name
8042 – 47 – 5	> 99 %	White mineral oil
59 – 02 – 9	< 1 %	Vitamin E

SECTION 4 – FIRST AID MEASURES

Description of first aid measures

Eye contact	<ul style="list-style-type: none"> ➤ Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. ➤ Remove contact lenses if present and easy to do. ➤ If eye irritation persists, get medical advice/attention.
Skin contact	<ul style="list-style-type: none"> ➤ Wash with plenty of soap and water. ➤ Take off contaminated clothing and wash it before reuse. ➤ If skin irritation occurs, get medical advice/attention.
Inhalation	<ul style="list-style-type: none"> ➤ Remove victim to fresh air and keep at rest in a position comfortable for breathing. ➤ If respiratory symptoms persist, get medical advice/attention. ➤ Give artificial respiration if victim is not breathing.
Ingestion	<ul style="list-style-type: none"> ➤ Rinse mouth, and then drink a glass of water. Do not induce vomiting. Get medical advice/attention if you feel unwell. ➤ Never give anything by mouth to an unconscious person.
Advice to the doctor	Treat symptomatically and supportively. Most important symptoms and effects, both acute and delayed: None known.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media	<ul style="list-style-type: none"> ➤ Use dry chemical, Carbon dioxide (CO2) ➤ Alcohol-resistant foam or water spray for extinction
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Flammability Conditions	➤ Flammable
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Advice for fire fighters

Fire fighting	<ul style="list-style-type: none"> ➤ Alert fire brigade and tell location and nature of hazard ➤ Wear breathing apparatus plus protective gloves in the event of a fire ➤ Prevent spillage from entering the waterways or drains ➤ Consider evacuation (or protect in place) ➤ Fight the fire from a safe distance and adequate cover
Fire/explosion hazard	➤ Containers may explode when heated.
Protection Equipment	➤ Wear positive pressure self-contained breathing apparatus (SCBA) and chemical splash suit. SCBA and structural firefighter's uniform may provide limited protection.



SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor spills	<ul style="list-style-type: none"> ➤ Clean up all spills immediately. Stop spill if safe to do so. ➤ Avoid contact with skin and eyes.
Major spills	<ul style="list-style-type: none"> ➤ Clear area of personnel. Control personal contact by using protective equipment. ➤ Prevent spillage from entering drains, sewers or water courses. Recover product wherever possible. Put residues in labeled plastic pails or other suitable sealed containers for disposal. ➤ If contamination of drains or waterways occurs, advise emergency services
Clean Up Procedures	<ul style="list-style-type: none"> ➤ Pick up with sand or other non-combustible absorbent material and place into suitable, labeled containers for later disposal
Containment	<ul style="list-style-type: none"> ➤ Prevent entry into waterways, drains or confined areas. Dike far ahead of large spill for later disposal.
Decontamination	<ul style="list-style-type: none"> ➤ Clean surface thoroughly to remove residual contamination. Wash hard surfaces with detergent to remove remaining oil film.
Environment Precaution Measures	<ul style="list-style-type: none"> ➤ Prevent entry into drains and waterways. ➤ Dispose of any absorbent material properly according to local authority regulations

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling

Safe Handling	<ul style="list-style-type: none"> ➤ Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. ➤ Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. ➤ Do not ingest. Avoid breathing mist/vapours and contact with eyes, skin and clothing. ➤ Use personal protective equipment as required. Keep away from heat and sources of ignition - No smoking. Avoid contact with incompatible materials.
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Conditions for safe storage, including any incompatibilities

Suitable packaging	<ul style="list-style-type: none"> ➤ Original packaging. Check that packaging is clearly labeled
Storage incompatibility	<ul style="list-style-type: none"> ➤ Segregate from oxidizing agents.
Storage requirements	<ul style="list-style-type: none"> ➤ Store in a cool, dry and well-ventilated place, out of direct sunlight. ➤ Keep containers securely sealed when not in use. Avoid physical damage to containers. ➤ Keep away from heat and sources of ignition - No smoking. ➤ Keep away from incompatible materials


SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

General	<p>Workplace Exposure Standards: None specified.</p> <p>TWA (mineral oil mist) ACGIH 5.0mg / m³</p> <p>STEL (mineral oil mist) ACGIH 10.0mg / m³</p>
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Exposure controls

	<p>A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.</p> <p>Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.</p>
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Appropriate engineering controls	Do not eat, drink or smoke when using this product. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.
Personal protection	
Eye and face protection	<ul style="list-style-type: none"> ➤ Safety glasses with side shields ➤ Chemical goggles ➤ Contact lenses may pose a special hazard soft contact lenses may absorb and concentrate materials. ➤ Medical personal should be trained and readily available in the event of chemical exposure; they should begin eye irrigation and remove contact lenses as soon as practicable. Lenses should be removed at the first sign of eye irritation
Skin protection	Wear general protective gloves e.g. light weight rubber gloves
Hand / feet protection	As above for hands; wear appropriate footwear for the environment
Other protection	<ul style="list-style-type: none"> ➤ Overalls ➤ PVC Aprons ➤ PVC protective gear ➤ Eyewash facilities ➤ Ensure there is ready access to a safety shower

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Clear Viscous liquid	Relative density (Water = 1)	0.008hPa (0.01mmHg) 20°C
Odour	Odourless	Solubility in water	Insoluble
Odour threshold	Not available	Decomposition temperature	Not available
pH	Not available	Viscosity	Not available
Melting point (°C)	230 °C	Bulk density	Not available
Boiling point (°C)	Not available	Specific gravity	0.8463 at 25°C
Flash point (°C)	120 °C	Explosive properties	Not explosive
Evaporation rate	Not available	Oxidising properties	Not available
Flammability	Not flammable	Volatile component (% vol)	None

SECTION 10 – STABILITY AND REACTIVITY

General Information	Under normal conditions of storage and use, hazardous reactions will not occur
Chemical stability	Product is stable under normal conditions of use, storage and temperature.
Conditions to avoid	Keep away from heat and sources of ignition. Avoid direct sunlight/UV light.
Incompatible materials	Strong oxidising agents, sunlight or ultraviolet light, heat or high temperature
Hazardous Polymerisation	Hazardous polymerisation will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

General Information	Information on toxicological effects STOT (single exposure): Not classified.
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	STOT (repeated exposure): Not classified. Aspiration toxicity: Not classified. Kinematic viscosity >20.5 mm ² /s, measured at 40°C.
Swallowed	May cause gastrointestinal discomfort if consumed in large amounts
Eyes	May cause minor irritation on eye contact
Skin	May be irritating to the skin
Inhalation	May cause irritation
Carcinogenic	Not carcinogenic
Mutagenicity	Not classed as a mutagen
Reproductive effects	Not available
Specific target organ toxicity	Not available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	Avoid release to waterways, sewers and storm water drains
Persistence/Degradability	Readily biodegradable
Bioaccumulation Potential	Bioaccumulation is considered negligible
Environmental Impact	No information available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / packaging disposal	<ul style="list-style-type: none"> ➤ Do not allow wash water from cleaning or process equipment to enter drains ➤ It may be necessary to collect all wash water for treatment before disposal ➤ In all case disposal to sewer may be subject to local laws and regulations and these should be considered first ➤ If in doubt contact the responsible authority ➤ Contact manufacturer for recycling options or consult local or regional waste management authority for disposal
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SECTION 14 – TRANSPORT INFORMATION

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: UN, IATA, IMDG

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land

SECTION 15 – REGULATORY INFORMATION

Safety, health and environment regulations / legislation specific for the substance or mixture

GHS Codes	9.1D
National Inventory	Status - Approved
Australia – AICS	Yes
Europe – EINEC / ELINCS / NLP	Yes
New Zealand – NZIoC	Yes - All ingredients are on the inventory
Environmental Protection Authority (New Zealand)	Classified as hazardous according to the criteria of the New Zealand Hazardous Substances and New Organisms Act.
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)



SECTION 16 – OTHER INFORMATION

While Vetpak Limited in good faith has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Vetpak Limited accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

New Zealand National Poison Information Centre: 0800 764 766
New Zealand Emergency Services: 111
Vetpak Limited: +64 7 870 2024

Definitions and abbreviations

PC – TWA	Permissible concentration – time weighted average
PC – STEL	Permissible concentration – short term exposure limit
IARC	International agency for research on cancer
ACGIH	American conference of Government Industrial Hygiene
STEL	Short term exposure limit
TEEL	Temporary emergency exposure limit
IDLH	Immediate dangerous to life or health concentration
OSF	Odour safety factor
NOAEL	No observed adverse effect level
LOAEL	Lowest observed adverse effect level
TLV	Threshold limit value
LOD	Limit of detection
OTV	Odour threshold value
BCF	BioConcentration factors

END OF SDS

