

PETROLEUM JELLY

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: PETROLEUM JELLY
Product Use: Veterinary and cosmetic applications as well as food processing,
Supplier: Vertex Lubricants NZ
 22 Marphona Crescent
 Takanini 2105
 Phone: 09/640 0004
 Email: info@vertexlubricants.co.nz
Emergency Number: 0800 353 645
Chemical Nature: Petrolatum
Issue Date: 22 May 2025 and is valid for 5 years from this date.

SECTION 2 – HAZARDS IDENTIFICATION

Classification: Not classified as a hazardous substance or mixture under HSNO regulations

GHS Label Elements: Not required

Hazard Statements: No known significant hazards

Precautionary Statements: Avoid prolonged contact with skin and eyes

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	% (w/w)	CAS number
Petrolatum	100%	8009-03-8

SECTION 4 – FIRST AID MEASURES

Description of necessary first aid measures

Inhalation Not expected to cause respiratory effects under normal conditions.
Ingestion Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Skin contact Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses. Get medical attention.
Indication of immediate medical attention and special treatment needed, if necessary
Notes to physician Treatment should in general be symptomatic and directed to relieving any effects. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Protection of first aiders No action shall be taken involving any personal risk or without suitable training.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media

Suitable In case of fire, use foam, dry chemical or carbon dioxide extinguisher or spray.
Not suitable Do not use water jet.

Specific hazards arising from the chemical	In a fire or if heated, a pressure increase will occur, and the container may burst.
Hazardous combustion products	May generate smoke and fumes when burned. Combustion products may include the following: carbon oxides (CO, CO ₂) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO ₂ etc.)
Hazchem code	Not available
Special precautions for firefighters	No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
Special protective equipment for fire-fighters	Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
For emergency responders	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Personal precautions	Avoid contact with eyes.
Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and material for containment and cleaning up	
Small spill	Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling	Put on appropriate personal protective equipment (see Section 8).
Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Not suitable	Prolonged exposure to elevated temperature

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits	None established.
Engineering Controls	No specific ventilation requirements.
Personal Protection	Use gloves if handling for extended periods.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance	White or yellow semi-solid
Physical state	Semi-solid
Density	0.820-0.865 g/cm ³
Colour	White or yellow.
Odour	Slight petroleum odour.
pH	Not applicable.
Melting point	38-60°C
Solubility	Insoluble in water.
Boiling point, initial boiling point, and boiling range	Not available.
Drop Point	Not available.
Flash point	Not available.

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability	The product is stable.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur.
Conditions to avoid	Avoid all possible sources of ignition (spark or flame).
Incompatible materials	Reactive or incompatible with the following materials: oxidising materials.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure	Skin and eye contact.
Acute Toxicity	Not considered toxic
Chronic effects	No known long-term health effects
Eye contact	No known significant effects or critical hazards.

SECTION 12 – ECOLOGICAL INFORMATION

Environmental Impact	Minimal.
Persistence & Biodegradability	Not readily biodegradable.
Bioaccumulation Potential	Low.

SECTION 13 – DISPOSAL CONSIDERATION

Disposal methods	The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a
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safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 – TRANSPORT INFORMATION

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
New Zealand Class	Not regulated.	-	-	-		-
ADG Class	Not regulated.	-	-	-		-
IATA Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-

PG*: Packing group

SECTION 15 – REGULATORY INFORMATION

New Zealand Regulatory Information

HSNO Approval Number	None assigned.
HSNO Group Standard	None assigned.
HSNO Classification	None assigned.

SECTION 16 – OTHER INFORMATION

Date of issue/Date of revision

Current Version: 22 May 2025

This SDS contains only safety-related information. For other data see product literature.

SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.