

Safety Data Sheet PETROLEUM JELLY

SDS no. VWLK54SP • Version 1.0 • Date of issue: 2025-05-13

SECTION 1: Identification

GHS Product identifier

Product name PETROLEUM JELLY

Substance name Petroleum Jelly

Other means of identification

Product Product Code

Petroleum Jelly, White BP PP045

Petroleum Jelly, White LR PL045

Recommended use of the chemical and restrictions on use

As ointment, cream, and lotion base, in pharmaceuticals and cosmetics, in insect repellents, perfume extractor, lubricating firearms and machinery, leather grease, lubricant, in manufacturing of carbon paper, shoe polish, carrier for rust preventatives, modeling clays, food additive in food and water of animals and/or for treatment of food producing animals, food processing, in foods as defoaming agent, release agent, protective coating (glaze on coated confections), protective dressing, softener in white or coloured rubber mixtures and laboratory reagent.

Supplier's details

Name ChemSupply Australia Pty Ltd
Address 38-50 Bedford Street
5013 Gillman South Australia
Australia

Telephone 08 8440 2000
email www.chemsupply.com.au

Emergency phone number

CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)

SECTION 2: Hazard identification

General hazard statement

Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classification of the substance or mixture

GHS classification in accordance with: UN GHS revision 7

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

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Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

Mixtures

Substance name	Petroleum Jelly
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Components either not classified as Hazardous under the GHS, or below cut-off concentrations to be classified as Hazardous.

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	First Aid Facilities: Maintain eyewash fountain in work area.
If inhaled	If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If persistent irritation occurs, obtain medical attention.
If swallowed	Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek medical advice if effects persist.

Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of immediate medical attention and special treatment needed, if necessary

For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Small fire: Use dry chemical, CO₂, water spray or foam.

Large fire: Use water spray, fog or foam.

If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out.

Specific hazards arising from the chemical

Hazards from Combustion Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, irritating aldehydes and ketones.

May burn but do not ignite readily. Runoff may pollute waterways. Fire may produce irritating, poisonous and/or corrosive fumes. Containers may explode when heated.

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Special protective actions for fire-fighters

Wear SCBA and structural firefighter's uniform.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks or flame) within at least 15m. Do NOT touch or walk through this product. Stop leak if safe to do so. Prevent entry into waterways, drains, confined areas. Use clean non-sparking tools to collect material and place it into loosely-covered plastic containers for later disposal.

SEEK EXPERT ADVICE ON HANDLING AND DISPOSAL.

Small Spillages: Collect the product with suitable mechanical means, shovels etc. for disposal or recycling.

SECTION 7: Handling and storage

Precautions for safe handling

Avoid ingestion and inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep away from heat and all sources of ignition. Keep away from incompatibles such as oxidizing agents.

Conditions for safe storage, including any incompatibilities

Store well closed, in a cool, dry, well ventilated place and protected from direct sunlight and moisture. Store away from incompatible materials i.e., strong oxidising agents. Keep containers tightly closed when not in use.

Storage Temperatures: Between 5°C and 39°C.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.

Skin protection

Clean impervious clothing should be worn. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

Body protection

Footwear: Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.

Body Protection: Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

Respiratory protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/ mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/ NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/ NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

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SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Solid
Appearance	Yellowish to light amber or white, translucent, semi-solid, unctuous mass.
Color	No data available.
Odor	Practically odourless.
Odor threshold	No data available.
Melting point/freezing point	38 - 62 °C.
Boiling point or initial boiling point and boiling range	343 °C.
Flammability	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	> 220 °C.
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidizing properties	No data available.
pH	pH Neutral.
Kinematic viscosity	Viscosity: 10.5 mm ² /s (@ 70 °C).
Solubility	Solubility in Water: Practically insoluble. Solubility in Organic Solvents: Practically insoluble in glycerol and alcohol. Soluble in benzene, chloroform, ether, petroleum ether, carbon disulfide and oils.
Partition coefficient n-octanol/water (log value)	log P(o/w): >6 (calculated)
Vapor pressure	<1
Evaporation rate	No data available.
Density and/or relative density	Specific Gravity: 0.820 - 0.865 @ 25 °C (Water = 1); 0.815 - 0.880 @ 60 °C.
Relative vapor density	>1
Particle characteristics	No data available.

Supplemental information regarding physical hazard classes

No data available.

Further safety characteristics (supplemental)

Other Information: Penetration with code (@ 25 °C, 0.1 mm): 150 - 180

SECTION 10: Stability and reactivity

Reactivity

Stable under normal conditions of storage and handling.

Chemical stability

May become rancid on aging.

Possibility of hazardous reactions

Reactive with oxidizing agents.

Conditions to avoid

Excess heat, incompatible materials.

Incompatible materials

Oxidizing agents.

Hazardous decomposition products

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Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, irritating aldehydes and ketones.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.

Inhalation: Vapour may cause discomfort.

Skin corrosion/irritation

Based on available data, classification data are not met

Serious eye damage/irritation

Slight irritating effect.

Respiratory or skin sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Specific target organ toxicity (STOT) - single exposure

Not classified based on available information.

Specific target organ toxicity (STOT) - repeated exposure

Not classified based on available information.

Aspiration hazard

Not classified based on available information.

Additional information

Chronic Effects: Prolonged or repeated skin contact may cause dermatitis.

SECTION 12: Ecological information

Persistence and degradability

Product is not rapidly degradable due to low water solubility.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers.

Other disposal recommendations

Do not discharge this material into waterways, drains and sewers.

SECTION 14: Transport information

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ADG (Road and Rail)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

Australia SUSMP

Poison Schedule: NS

SECTION 16: Other information

There is a possibility that this product could be contained in a reagent set or kit composed of various compatible dangerous goods.

If the item is not in a reagent set or kit, the classification given above applies.

If the item is part of a reagent set or kit the classification would change to the following:

UN3316 Chemical Kit, Hazard Class 9, Packing Group II or III.

If the item is not regulated, the Chemical Kit classification does not apply.

Further information/disclaimer

ChemSupply Australia Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon ChemSupply Australia Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of ChemSupply Australia Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

Preparation information

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Standard for the Uniform Scheduling of Medicines and Poisons, Commonwealth of Australia

National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'

Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', July 2020.

Safe Work Australia, 'National Guide for Classifying Hazardous Chemicals', July 2020.

Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants, December 2019

Safe Work Australia, Hazardous Chemical Information System (HCIS), hcis.safeworkaustralia.gov.au

IATA, Dangerous Goods Regulations (DGR)

IMO, International Maritime Dangerous Goods Code (IMDG)