



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

PRODUCT DATA SHEET

PETROLEUM JELLY

PRODUCT DESCRIPTION

Petroleum Jelly is a homogeneous mixture of oily and waxy long chain, non-polar hydrocarbons. It is characterized by its relatively high viscosity, shear strength, chemical and biological inertness and non-polar, hydrophobic nature. **Petroleum Jelly** meets the purity requirements of the 8th Edition of the European Pharmacopeia (Published July 2013) for White Soft Paraffin.

APPLICATIONS

Petroleum Jelly is a general purpose food grade petroleum jelly meeting NSF H1 for incidental food contact. It can be used in places where incidental food contact can occur without harmful effects. Petroleum Jelly can be used in a variety of applications from metal protection and lubrication of machinery used in food preparation to pharmaceutical applications as a component of ointments and barrier creams.

SHELF LIFE

The expected shelf life is in excess of four years, provided the material is stored in closed containers and protected from heat, light and moisture.

TYPICAL PROPERTIES

Property	Test Method	Results
Appearance	Visual	White, smooth gel
Colour Lovibond (Yellow)	IP 17B(2)	1.5 Maximum
Density @25°C (g/mL)	-	0.85 typical
Brookfield Viscosity at 60rpm at 100°C (mPa-s)	DCA 022	6.0 – 12.0
Cone Penetration at 25°C (mm/10)	ASTM D-937	150 – 170
Drop Point (°C)	ASTM D-3954	45 - 60

Available in: Bulk, 170 kg, 20 kg, 2.5 kg and 500 gm

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

Item code: HI7-1010

Effective: April 2024

RS324021/1



AUSTRALIAN FAMILY OWNED SINCE 1989





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Issue Date: 13 December 2021

Petroleum Jelly

Version: 4

Product name: Petroleum Jelly

1. COMPANY DETAILS AND PRODUCT IDENTIFICATION

COMPANY: Hi-Tec Oil Traders Pty Ltd. (ABN 28 053 837 362)

ADDRESS: PO Box 322 Castle Hill NSW 1765
5 Tarlington Place, Smithfield NSW 2164

TELEPHONE NUMBER: 1300 796 009

FAX NUMBER: (02) 9604 1611

EMERGENCY TELEPHONE NUMBER: 1300 796 009

PRODUCT NAME: Petroleum Jelly

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI7-1010

USE: Lubricating jelly for use in industry, cosmetics and food processing.

ADDITIONAL INFORMATION: Refer to Product Information Sheet for additional information.

OTHER INFORMATION: Visit our website: www.hi-tecoils.com.au
Email: hitecoils@hi-tecoils.com.au

2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: NON-HAZARDOUS SUBSTANCE
NON-DANGEROUS GOODS
Hazard classification according to criteria of NOHSC and GHS.
Dangerous Goods classification according to the Australian Dangerous Goods.

SIGNAL WORD (S): None

IRRITANCY OF PRODUCT: Not classified as an irritant.

SENSITISATION OF PRODUCT: Not known to be a sensitiser.

TERATOGENICITY: No teratogenic effects known.

OTHER INFORMATION: Used greases may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and environment on disposal. All used oils should be handled with caution and skin contact avoided as far as possible.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTICS:

Paste

INGREDIENTS:-

CHEMICAL ENTITY	CAS NO	PROPORTION
Petrolatum	8009-03-8	0 – 100%
White Mineral Oil (petroleum) and/or Paraffin oils	8042-47-5/8012-95-1	0 – 85%
Paraffin waxes and hydrocarbon waxes	8002-74-2/63231-60-7	0 - 45%
Stabilizer additive	128-37-0	0 – 0.001%
Vitamin E Acetate	7695-91-2	0 – 0.001%

4. FIRST AID MEASURES

GENERAL INFORMATION:

You should call the POISONS INFORMATION CENTRE if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

INGESTION:

Not toxic by ingestion. These Products used for a variety of applications with in the Pharmaceutical, Cosmetic, Food processing and many other industries. It meets the requirement of the US FDA as per 21 CFR 172.880

EYE CONTACT:

No emergency care anticipated. Flush eyes thoroughly with water for several minutes. Obtain medical attention if discomfort persists.

SKIN CONTACT:

If burned by contact with hot material, cool as quickly as possible with water and see a physician for treatment of burn. No emergency care anticipated with ambient temperature material.

INHALATION:

No emergency care anticipated.

NOTES TO PHYSICIAN:

Treat symptomatically based on individual reactions of patient and judgement of doctor. Indication of any immediate medical attention and special treatment needed: If vomiting occurs, aspiration may cause delayed pulmonary edema and chemical pneumonia.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

No data available.



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5. FIRE FIGHTING MEASURES

GENERAL MEASURES:

Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.

FLAMMABILITY CONDITIONS:

Product is a combustible solid. These products will burn if involved in a fire.

SUITABLE EXTINGUISHING MEDIA:

Dry Chemical, carbon dioxide, water, fog and foam. Note: Water, fog and foam may cause frothing and spattering. DO NOT use water jet as an extinguisher, as this will spread the fire.

FIRE & EXPLOSION HAZARD:

No usual fire or explosion hazard noted.

HAZARDOUS COMBUSTION PRODUCTS:

On combustion, form Hydrocarbons gases.

FIRE FIGHTING:

Do NOT allow fire fighting water to reach waterways, drains or sewers. Store fire fighting water for treatment.

PERSONAL PROTECTIVE EQUIPMENT:

Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).

6. ACCIDENTAL RELEASE MEASURES

GENERAL RESPONSE:

Avoid accidents, clean up immediately. Slippery when spilled. Eliminate all sources of ignition. Increase ventilation. Avoid generating dust. Use clean, non-sparking tools and equipment.

PERSONAL PRECAUTIONS:

Personnel involved in the clean-up should wear full protective clothing as listed in section 8.

METHODS OF CLEANING UP:

Immediately start clean up of the liquid and contaminated soil. Small amounts can be collected using absorbent material. Product waste should be disposed in accordance with section 13.

CONTAINMENT:

Stop leak if safe to do so. Isolate the danger area.

ENVIRONMENTAL PRECAUTIONS:

Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.

EVACUATION CRITERIA:

Evacuate personnel to safe areas.



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7. HANDLING AND STORAGE

SAFE HANDLING:

Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Avoid handling which leads to dust formation.

SAFE STORAGE:

Store in a cool, dry, ventilated and covered area away from sources of heat, ignition and sunlight. Keep container tightly closed when not in use. It is recommended that the drums be stored horizontally, with bungs in 3'O clock and 9'O clock position, such that bungs are always immersed contamination from air humidity, rain, etc., Store away from incompatible materials as listed in section 10. Store in a covered area away from sources of heat, ignition and sunlight. This product is not classified dangerous for transport according to The Australian Code for the Transport of Dangerous Goods By Road and Rail.

CONTAINER:

Store in original packaging as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

GENERAL:

The following exposure standard has been established by The Australian Safety and Compensation Council (ASCC); Mineral Oil Mist TWA (Mist) ACGIH value is 5.0 mg/m³, STEL (Mist) ACGIH value is 10.0 mg/m³.

EXPOSURE LIMITS:

No data available.

BIOLOGICAL LIMITS:

No information available on biological limit values for this product.

ENGINEERING CONTROLS:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. 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. Adequate ventilation should be provided so that exposure limits are not exceeded.

PERSONAL PROTECTION:

RESPIRATOR: If vapor and/or mist is generated by heating, spraying, etc., wear an organic vapor respirator with a mist filter. No special respiratory protection is normally required. (AS1715/1716).

EYES: Wear safety glasses or goggles. (AS1336/1337).

HANDS: Use oil resistant gloves that overall to minimize skin contact and contamination of personal clothing.(AS2161).

CLOTHING: Long-sleeved protective coveralls and safety footwear. (AS3765/2210).

HYGIENE MEASURES:

No data available.



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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL:	Solid
APPEARANCE:	Translucent Soft Mass
COLOUR:	Clear white
ODOUR:	Odourless
pH:	No data available
VAPOUR PRESSURE:	<0.1 mm Hg (@ Room Temperature)
RELATIVE VAPOUR DENSITY:	>1, Air = 1
BOILING POINT:	No data available
MELTING POINT (°C):	38 - 80°C
FREEZING POINT (°C):	No data available
SOLUBILITY	Insoluble 20°C
SPECIFIC GRAVITY:	>0.820 kg/m ³
FLASH POINT:	>170°C (Closed cup)
AUTO-IGNITION TEMPERATURE:	No data available
EVAPORATION RATE:	No data available
BULK DENSITY:	No data available
CORROSION RATE:	No data available
DECOMPOSITION TEMPERATURE:	No data available
DENSITY:	No data available
SPECIFIC HEAT:	No data available
MOLECULAR WEIGHT:	No data available
NET PROPELLANT WEIGHT:	No data available



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9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)

OCTANOL WATER COEFFICIENT:	No data available
PARTICLE SIZE:	No data available
PARTITION COEFFICIENT:	No data available
SATURATED VAPOUR CONC:	No data available
VAPOUR TEMPERATURE:	20°C
VISCOSITY:	5 – 30 cSt (@100°C
VOLATILE PERCENT :	No data available
VOC VOLUME:	No data available
EXPLOSION LIMITS:	No data available.
OTHER INFORMATION:	These physical data and other properties do not constitute a specification.

10. STABILITY AND REACTIVITY

GENERAL INFORMATION:	Combustible solid. On combustion forms Carbon Mono Oxide (CO), Carbon di Oxide (Co2), Nitrogen Oxides (NOx), etc.,
CHEMICAL STABILITY:	Stable under ambient temperature and normal conditions the product is stable.
CONDITIONS TO AVOID:	Avoid direct contact with sunlight or ultraviolet light, heat, flames, sparks, etc.,
INCOMPATIBLE MATERIALS:	Normally unreactive, however avoid contact with Strong oxidizing agents. Heat or high temperature.
HAZARDOUS DECOMPOSITION PRODUCTS:	Burning can produce Oxides of carbon. Soot.
HAZARDOUS POLYMERISATION:	Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

GENERAL INFORMATION:	Acute Studies - General : No evidence of harmful effects from current information. Eye : No irritant effect known. Test results on rabbits with a similar material showed no irritation. Skin : None expected. Test results on guinea pigs with a similar material showed no irritation. Ingestion: Test results for acute toxicity based upon an analogy with a similar material are - Rat result > 5,000 mg/kg
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11. TOXICOLOGICAL INFORMATION (CONT)

GENERAL INFORMATION (cont):

Long Term Studies

Carcinogenicity : None expected. Products / Finished material (Blends of Above substances) meets the IP 346-DMSO test.

(< 3% of PCA), hence the product does not classify as a carcinogen (Note "L" of EU Directive 76/769-EEC) and is non hazardous.

Mutagenicity : None expected. No data available.

Reproductive Toxicity : Contains no ingredient listed as toxic to reproduction

INGESTION:

Ingestion is unlikely to have any toxic effects, but the product may act as an intestinal lubricant and result in diarrhoea and frequent loose stools. If vomiting occurs, aspiration may cause delayed pulmonary edema and chemical pneumonia. Test results for acute toxicity based upon an analogy with a similar material are –

Rat result > 5,000 mg/kg.

Contains no ingredient listed as toxic to reproduction.

CARCINOGENICITY:

No data available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Most hydrocarbon components of these substances will have little or no tendency to partition to air. The half lives for degradation of these hydrocarbons by reaction with hydroxyl radicals, in troposphere, under the influence of sunlight, will all be less than one day, by extrapolation from the data quoted by Atkinson. Accordingly, any hydrocarbon material which does partition to air will be rapidly photodegraded.(Ref.: Atkinson, R., Gas- Phase tropospheric chemistry of organic compounds: a review, Atmos. Environ., Vol 24 A, pp. 1-41,1990.

PERSISTENCE AND DEGRADABILITY:

Petroleum Jelly will be inherently biodegradable in water under aerobic conditions, and will be ultimately biodegraded by micro-organisms (although the biodegradability of Petroleum Jelly will necessarily be limited by its low solubility in water).

BIOACCUMULATIVE POTENTIAL:

Does not bioaccumulate.

MOBILITY:

The material is stable in water and can be mechanically separated from water. The water may be suitable for disposal in a biological waste water treatment plant.

ENVIRONMENTAL FATE:

Do not allow product to reach water ways, drains or sewers. Degradation occurs extremely slowly under anaerobic condition.

ENVIRONMENTAL IMPACT:

No data available.





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13. DISPOSAL CONSIDERATIONS

GENERAL:

Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

SPECIAL PRECAUTIONS FOR LAND FILL:

Contact a specialist disposal company or the local waste regulator for advice.

14. TRANSPORT INFORMATION

ROAD & RAIL TRANSPORT:

ADG REQUIREMENT

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

MARITIME TRANSPORT:

IMO/IMDG REQUIREMENT

Not classified as a Dangerous Good according to the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT:

ICAO/IATA REQUIREMENT

Not classified as a Dangerous Good according to the criteria of the International Maritime Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

POISON SCHEDULE:

Not scheduled.

PACKING & LABELLING:

No special packaging or labelling requirements.

AUSTRALIAN INVENTORY STATUS:

All components are listed or exempted.



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16. OTHER INFORMATION

CONTACT PERSON/POINT:

General Manager 1300 796 009

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.

LITERATURE REFERENCES:

- * NOHSC: 2011 National Code of Practice for the preparation of Material Safety Data Sheets.
- * Safework Australia: 2016 Code of Practice for the Preparation of Safety Data Sheets for Hazardous Substances.
- * NOHSC: 1008 Approved Criteria for Classifying Hazardous Substances.
- * NOHSC: 10005 List of Designated Hazardous Substances.
- * NOHSC: 1005 Control of Workplace Hazardous Substances, National Code of Practice.
- * NOHSC: 2007 Control of Workplace Hazardous Substances, National Code of Practice.
- * NOHSC: 1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards.
- * NOHSC: 3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note.
- * NOHSC: 1015 Storage and Handling of Workplace Dangerous Goods, National Standard.
- * NOHSC: 2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice.
- * SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons
- * ADG: Australian Dangerous Goods Code
- * MSDS of component materials.

LAST CHANGE:

Supersedes document issued: 10 May 2017.

Reason/s for revision: Minor editorial changes to comply with GHS requirements.

MR122131/1

END OF SDS



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