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# 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 8<sup>th</sup> Edition of the European Pharmacopeia (Published July 2013) for White Soft Paraffin.

### APPLICATIONS

It is used as a formulation base for creams, lotions, hand cleaners and ointments where extra lubricity is required. Its barrier properties find applications in moisturisers and hand 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](http://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](http://www.hi-tecoils.com.au)"

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