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MATERIAL SAFETY DATA SHEET (MSDS)

Industrial Petroleum Jelly

Section 1: Product Identification

Product Name

Industrial Petroleum Jelly

Synonyms

- Industrial Petrolatum
- Technical Grade Petroleum Jelly
- Technical Petrolatum
- Industrial Lubricant Jelly

Recommended Use

- Industrial lubrication
- Cable filling compounds
- Corrosion protection
- Machinery maintenance
- Rubber processing
- Metal surface protection

Restrictions on Use

Not intended for:

- Pharmaceutical use
- Cosmetic applications
- Food processing
- Personal care use

Supplier

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Emergency Contact

Available upon request through supplier support channels.

Section 2: Hazard Identification

GHS Classification

This product is generally not classified as hazardous under normal industrial handling conditions.

Potential Hazards

- Mild eye irritation
- Mild skin irritation after prolonged contact
- Slipping hazard if spilled
- Fumes may cause irritation if heated excessively

Signal Word

Not classified

Hazard Statements

- May cause mild irritation upon prolonged exposure
- Heated product may release irritating vapors

Precautionary Statements

- Avoid unnecessary skin and eye contact
- Use proper industrial hygiene practices
- Clean spills immediately to avoid slipping hazards

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Section 3: Composition / Information on Ingredients

Component	CAS Number	Approximate Content
Petroleum Hydrocarbons	Mixture	Proprietary
Mineral Oils	Proprietary	Proprietary
Hydrocarbon Waxes	Proprietary	Proprietary

The exact composition may vary according to technical grade and industrial application.

Section 4: First Aid Measures

Eye Contact

Immediately rinse eyes with clean water for several minutes. If irritation continues, seek medical attention.

Skin Contact

Wash affected area with soap and water. Remove contaminated clothing if necessary.

Inhalation

Move person to fresh air if fumes from heated product are inhaled. Seek medical attention if symptoms persist.

Ingestion

Do not induce vomiting. Rinse mouth with water. Seek medical advice if discomfort occurs.

Most Important Symptoms

- Mild irritation
- Discomfort from heated vapors
- Temporary redness

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Section 5: Fire Fighting Measures

Suitable Extinguishing Media

- Foam
- Dry chemical
- Carbon dioxide (CO_2)
- Water fog

Unsuitable Extinguishing Media

Do not use direct high-pressure water streams.

Specific Hazards

Combustion may produce:

- Carbon monoxide
- Carbon dioxide
- Hydrocarbon fumes

Protective Equipment for Firefighters

Use self-contained breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

Personal Precautions

- Avoid contact with spilled material
- Wear protective gloves
- Prevent slipping hazards

Environmental Precautions

Prevent large spills from entering drains or waterways.

Cleanup Methods

- Absorb with sand or inert material

- Collect into suitable containers
- Dispose according to local regulations

Section 7: Handling and Storage

Handling

- Use good industrial hygiene practices
- Avoid overheating the material
- Keep containers sealed when not in use

Storage

- Store in a cool, dry, and ventilated area
- Keep away from direct sunlight
- Avoid exposure to excessive heat

Recommended Storage Temperature

15°C – 35°C

Section 8: Exposure Controls / Personal Protection

Exposure Limits

No specific exposure limits established for this product under normal industrial use.

Engineering Controls

- Ensure proper workplace ventilation
- Use local exhaust if heated

Personal Protective Equipment (PPE)

Eye Protection

Safety glasses recommended.

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Hand Protection

Protective gloves recommended.

Skin Protection

Standard industrial protective clothing.

Respiratory Protection

Not normally required under standard conditions.

Section 9: Physical and Chemical Properties

Property	Value
Appearance	Semi-solid
Color	Yellow to brown
Odor	Mild hydrocarbon odor
Physical State	Semi-solid
Melting Point	45°C – 65°C
Flash Point	>190°C
Solubility in Water	Insoluble
Density	0.82 – 0.88 g/cm³
Penetration Grade	120 – 220 dmm
Viscosity	As per grade
Vapor Pressure	Negligible
Auto-Ignition Temperature	Not determined

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Section 10: Stability and Reactivity

Chemical Stability

Stable under recommended storage conditions.

Conditions to Avoid

- Excessive heat
- Open flames
- Strong oxidizing agents

Incompatible Materials

- Strong oxidizers
- Reactive chemicals

Hazardous Decomposition Products

- Carbon monoxide
- Carbon dioxide
- Hydrocarbon fumes

Section 11: Toxicological Information

Likely Routes of Exposure

- Skin contact
- Eye contact
- Inhalation of heated vapors

Acute Toxicity

Not expected to present acute toxicity under normal industrial conditions.

Skin Irritation

Prolonged contact may cause mild irritation.

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Eye Irritation

May cause temporary irritation.

Respiratory Effects

Heated vapors may irritate respiratory passages.

Carcinogenicity

No known classification under normal industrial use.

Section 12: Ecological Information

Ecotoxicity

No significant ecological hazards expected under normal use.

Persistence and Degradability

Expected to degrade slowly in the environment.

Mobility

Low mobility due to semi-solid form.

Environmental Precautions

Avoid uncontrolled release into waterways or soil.

Section 13: Disposal Considerations

Dispose of product, contaminated materials, and containers according to local, regional, and national regulations.

Do not discharge into:

- Drains
- Surface water
- Soil

Section 14: Transport Information

UN Number

Not regulated

Transport Hazard Class

Not classified as dangerous goods for transport.

Packing Group

Not applicable

Marine Pollutant

No

Special Precautions

Protect containers from excessive heat during transport.

Section 15: Regulatory Information

- Intended for industrial applications only
- Non-pharmaceutical grade
- Non-cosmetic grade
- Follow local industrial chemical regulations

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Section 16: Other Information

Prepared By

Technical Department – Basekim

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Disclaimer

The information provided in this MSDS is based on current knowledge and industrial experience. It describes safety requirements for the product and does not guarantee specific product properties. Users are responsible for ensuring safe handling and compliance with applicable regulations.