



SUPREME PETRO
CHEMICALS

IMPORTER & DISTRIBUTOR OF INDUSTRIAL CHEMICALS ·
SINCE 1997

No. 145, 1st Floor, Raja Muthiah Road,
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admin@supremepetrochemicals.com

SAFETY DATA SHEET (SDS)

White Petroleum Jelly *SDS*

CAS 8009-03-8 EC 232-373-2 SIGNAL WORD DANGER

REV 3.1
29 JULY 2026
GHS REV.11 (2025)

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE
COMPANY

Product Name	White Petroleum Jelly
Product Type	Petrolatum
Chemical Family	Petroleum jelly / semi-solid hydrocarbon mixture
CAS No.	8009-03-8
EC No.	232-373-2
Intended Use	Industrial / professional use as listed on the SPC product page.
Restrictions on Use	Industrial / professional use only. Confirm grade suitability before regulated or consumer use.
Supplier	Supreme Petro Chemicals
Address	No. 145, 1st Floor, Raja Muthiah Road, Periyamet, Chennai – 600003, India
Emergency Contact	Sanketh — +91 86087 80096 · Sudarshan — +91 81979 47045
Email	admin@supremepetrochemicals.com
Product Page	https://www.supremepetrochemicals.com/products/white-petroleum-jelly
SDS Revision	July 2026
SDS Version	3.1

SECTION 2 HAZARD IDENTIFICATION

Not classified as hazardous under GHS / CLP for supply and use as a semi-solid petrolatum.

GHS Classification	Not classified as hazardous under typical GHS supplier classifications
Signal Word	Not classified
GHS Pictograms	No GHS pictogram (Not classified)



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HAZARD STATEMENTS

- None assigned — product is not classified as hazardous under GHS.

PRECAUTIONARY — PREVENTION

- P210 — Keep away from heat, hot surfaces, sparks, open flames. No smoking.
- P233 — Keep container tightly closed.
- P240 — Ground/bond container and receiving equipment.
- P241 — Use explosion-proof electrical/ventilating/lighting equipment.
- P242 — Use only non-sparking tools.
- P243 — Take precautionary measures against static discharge.
- P260 — Do not breathe vapours or spray.
- P271 — Use only outdoors or in a well-ventilated area.
- P272 — Contaminated work clothing should not be allowed out of the workplace.
- P273 — Avoid release to the environment.
- P280 — Wear protective gloves / eye protection / face protection.

PRECAUTIONARY — RESPONSE / STORAGE / DISPOSAL

- P301+P310 — IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 - P303+P361+P353 — IF ON SKIN OR HAIR: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 - P304+P340 — IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 - P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 - P331 — Do NOT induce vomiting.
 - P312 — Call a POISON CENTER or doctor if you feel unwell.
 - P403+P235 — Store in a well-ventilated place. Keep cool.
 - P405 — Store locked up.
 - P501 — Dispose of contents/container in accordance with local regulations.
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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	EC NO.	% W/W	GHS CLASSIFICATION
Petrolatum / white petroleum jelly	8009-03-8	232-373-2	100	Not classified

Full text of H-statements listed in Section 16.

SECTION 4 FIRST AID MEASURES

Inhalation	Move to fresh air if dust or mist is inhaled. Rinse mouth with water. Seek medical attention if irritation persists.
Skin Contact	Remove contaminated clothing. Wash affected skin thoroughly with water and soap. Seek medical attention if symptoms persist.
Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical attention.
Ingestion	Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical advice.
Note to Physician	Treat symptomatically based on exposure route and product hazards.

SECTION 5 FIREFIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry chemical powder, carbon dioxide (CO ₂), water spray.
Unsuitable Media	Direct high-pressure water jet where it may spread the molten material.
Specific Hazards	Combustion may produce carbon oxides and irritating smoke. Dust or fine particulate may form combustible or irritating atmospheres. Containers may rupture when heated.
Protective Equipment	Wear full protective clothing and self-contained breathing apparatus (SCBA).
Special Procedures	Evacuate non-essential personnel. Prevent contaminated run-off from entering drains and waterways.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate PPE (see Section 8). Molten material is slippery — avoid slip hazard. Keep away from ignition sources.
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Environmental Precautions	Prevent entry into drains, sewers, soil and watercourses.
Containment / Clean-up	Collect mechanically (scraping/absorption). Collect material into labelled containers for disposal through an approved waste contractor.
Reference to Sections	See Section 8 for PPE, Section 13 for disposal and Section 15 for regulatory information.

SECTION 7 HANDLING AND STORAGE

Handling Precautions	Avoid overheating and prolonged contact with hot material. Store closed away from oxidisers.
Hygiene	Wash hands after handling. Remove contaminated clothing before reuse. Do not eat, drink or smoke when using.
Storage Conditions	Store in original, tightly closed compatible containers. Inspect containers regularly for leakage or damage.
Storage Temperature	Store at ambient temperature unless supplier instructions specify otherwise.
Incompatible Materials	Strong oxidisers and product-specific incompatible substances; see supplier SDS before use.
Segregation	Segregate from food, drink, animal feed and incompatible chemicals.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit	Petrolatum (CAS 8009-03-8): Use verified local OEL if established; otherwise apply ALARA / good industrial hygiene. Consult OSHA/NIOSH/ACGIH/EU/UK/India standards. Supplier/regional OEL confirmation required.
Engineering Controls	Use closed handling / local exhaust ventilation for dust, mist, vapour or aerosol. Use explosion-proof ventilation and grounding for heated operations.
Respiratory Protection	If ventilation is inadequate, use a NIOSH/EN-approved respirator with organic vapour or P95/P100 particulate cartridge as applicable. Use SCBA for emergencies.
Hand / Eye / Skin	Gloves: chemical-resistant nitrile, butyl, neoprene, PVC or laminate – select thickness/breakthrough time for the task. Eyes: EN 166/ANSI Z87.1 chemical splash goggles; add face shield for splash or molten material risk. Body: chemical-resistant clothing/apron and



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safety footwear; antistatic PPE where heated vapours may occur.
Provide eyewash and safety shower where appropriate.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to off-white translucent semi-solid.
Odour	Odourless or faint petroleum odour.
Odour Threshold	Not established.
pH	Not applicable (anhydrous semi-solid). For aqueous grades, verify from supplier COA/SDS.
Melting / Freezing Point	Typically 38–60 °C (typical petrolatum melting range; verify from supplier specification).
Boiling Point / Range	>300 °C (estimated; petrolatum is a complex UVCB — decomposes rather than boiling).
Flash Point	Typically ≥180 °C (Cleveland Open Cup); verify from supplier COA. [CORRECTED — source had this value misplaced under Boiling Point.]
Auto-ignition Temperature	Not established.
Flammability Limits	Not established for semi-solid; negligible vapour pressure at ambient temperature.
Vapour Pressure	Negligible at ambient temperature.
Vapour Density (air = 1)	Not established (semi-solid; negligible vapour at ambient conditions).
Relative Density	Approx. 0.82–0.88 g/cm ³ at 15 °C. [CORRECTED — source had this value on the Vapour Density line.]
Solubility in Water	Insoluble. [CORRECTED — source had this value on the Relative Density line.]
Log Pow (Partition Coeff.)	Not established for supplied commercial grade (UVCB substance).
Evaporation Rate	Negligible (semi-solid at ambient temperature).
Viscosity	Semi-solid / petrolatum grade-dependent; consult supplier specification.
VOC Content	Negligible / not applicable for semi-solid petrolatum; assess under applicable local VOC rules if heated or processed.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage and handling conditions.
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Conditions to Avoid	Avoid heat, ignition sources, contamination and incompatible materials.
Incompatible Materials	Strong oxidising agents (nitric acid, chlorine, permanganates, peroxides). Avoid contact with concentrated acids and halogens. Reactive with aluminium chloride (AlCl ₃) under elevated temperature – not a concern in ambient blending or storage.
Hazardous Decomposition	Carbon oxides and irritating or toxic fumes may be formed in fire.
Hazardous Reactions	Will not occur under normal conditions when stored and handled correctly.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Low acute toxicity expected based on product type. Numeric LD ₅₀ data not available for this UVCB; verify with supplier.
Acute Dermal Toxicity	Low acute dermal toxicity expected. Hot molten material can cause thermal burns.
Acute Inhalation Toxicity	Oil mist from heated product may irritate respiratory tract. LC ₅₀ not established; apply ALARA for mist/dust exposure.
Skin Irritation	Not expected to cause significant skin irritation at ambient temperature. Prolonged or repeated contact may cause mild defatting.
Eye Irritation	Not expected to cause significant eye irritation. Molten material may cause burns.
Sensitisation	Not expected to be a skin or respiratory sensitiser based on product type.
Carcinogenicity	Highly refined white petrolatum (CAS 8009-03-8) is not classified as carcinogenic. Note: unrefined or mildly refined petroleum-derived oils may be carcinogenic; confirm refining degree with supplier.
Mutagenicity	Not classified as mutagenic. Endpoint-specific data: see Section 2 classification and supplier SDS.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	No acute or chronic aquatic hazard classification identified from reviewed data. Avoid release to water bodies. Obtain supplier ecotoxicity data if needed for registration or export.
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Persistence / Degradability	Petrolatum is a complex UVCB hydrocarbon mixture; not expected to be readily biodegradable. Use supplier or ECHA data where available.
Bioaccumulation	Use verified log Kow / BCF data where available. UVCB petroleum materials require supplier formulation data.
Mobility in Soil	Semi-solid at ambient temperature; low mobility. Assess from solubility, adsorption potential and product form. Prevent release to soil and groundwater.
Other Adverse Effects	Avoid uncontrolled release to the environment. Manage releases and waste under applicable local environmental regulations.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste from Product	Dispose of contents through an authorised waste contractor in accordance with local regulations. Assign waste code according to actual process and local regulation.
Contaminated Packaging	Empty containers may retain residues; handle as hazardous until cleaned or disposed. Dispose of in accordance with local regulations.
Indian Regulations	Follow applicable MSIHC Rules, Hazardous and Other Wastes (Management and Transboundary Movement) Rules and Pollution Control Board requirements.

SECTION 14 TRANSPORT INFORMATION

PARAMETER	UN / ADR (ROAD)	IMDG (SEA)	IATA (AIR)
UN Number	Not regulated	Not regulated	Not regulated
Proper Shipping Name	Not regulated	Not regulated	Not regulated
Class	Not regulated	Not regulated	Not regulated
Packing Group	Not applicable	Not applicable	Not applicable
Marine Pollutant	No	No	—

White petroleum jelly (CAS 8009-03-8) is not classified as a dangerous good under ADR, IMDG or IATA-DGR at ambient temperature. Use approved compatible containers; UN-certified packaging required for international shipment as per carrier requirements. Verify current carrier rules before shipment.



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SECTION 15 REGULATORY INFORMATION

EU / REACH / CLP	Observe REACH and CLP requirements where applicable. Classified and labelled according to the GHS/CLP classification listed in Section 2. Petrolatum (CAS 8009-03-8) is listed on ECHA; verify SVHC / authorisation status before EU supply.
OSHA (USA)	Prepared in OSHA HCS/HazCom-aligned 16-section SDS format. Verify TSCA inventory/SNUR status before US import or distribution; UVCB status may require supplier confirmation.
India	Observe applicable Indian MSIHC Rules, Factories Act, Environment Protection Act, Hazardous Waste Management Rules, workplace chemical, VOC and environmental requirements.
Other Jurisdictions	Canada WHMIS 2015/HPR: classify/label using Section 2 classification; Canadian sale may require bilingual SDS/label and ingredient disclosure. China: apply GB/T SDS and classification requirements where marketed. Australia (AICS): check inventory status before export or import. Final market placement requires confirmation of inventory status, local OELs, transport class, waste code and restrictions.

SECTION 16 OTHER INFORMATION

Prepared By	Supreme Petro Chemicals — Technical Department
SDS Standard	UN GHS Rev.11 (2025); OSHA HCS/HazCom; EU CLP/REACH Annex II; Canada WHMIS/HPR — 16-section format
Revision Date	24 June 2026
Version	3.0 (supersedes prior issues)
Disclaimer	Information is given in good faith and believed accurate at issue. It does not constitute a specification or guarantee; the user is responsible for safe use, handling and compliance.

FULL TEXT OF H-STATEMENTS

- No H-statements assigned — product is not classified as hazardous under GHS.