



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)

Heavy Liquid Paraffin *SDS*

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

CAS 8012-95-1 EC 232-384-2 SIGNAL WORD **DANGER**

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

Product Name	Heavy Liquid Paraffin
Product Type	White mineral oil, heavy grade
Chemical Family	Petroleum hydrocarbon oil
CAS No.	8012-95-1
EC No.	232-384-2
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/heavy-liquid-paraffin
SDS Revision	July 2026
SDS Version	3.1

SECTION 2 HAZARD IDENTIFICATION

Not classified as hazardous under GHS (UN GHS Rev.11, 2025) for the physical, health and environmental endpoints assessed.

GHS Classification	Not classified
Signal Word	Not classified
GHS Pictograms	No GHS pictogram (Not classified)



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HAZARD STATEMENTS

- None — substance is not classified as hazardous.

PRECAUTIONARY — PREVENTION

- P210 — Keep away from heat, hot surfaces, sparks, open flames. No smoking.
- P233 — Keep container tightly closed.
- 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.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	EC NO.	% W/W	GHS CLASSIFICATION
White mineral oil / heavy liquid paraffin	8012-95-1	232-384-2	100	Not classified

Full text of H-statements listed in Section 16. Heavy liquid paraffin is a UVCB substance (Unknown or Variable composition, Complex reaction products or Biological materials); exact composition is grade-specific and supplier-confirmed.



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SECTION 4 FIRST AID MEASURES

Inhalation	Move to fresh air. If symptoms persist, obtain medical attention. Do not induce vomiting where aspiration hazard is possible.
Skin Contact	Remove contaminated clothing. Wash affected skin thoroughly with soap and water. 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. Risk of aspiration if vomiting is induced; manage accordingly.

SECTION 5 FIREFIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry chemical powder, carbon dioxide (CO ₂) or water spray.
Unsuitable Media	Direct high-pressure water jet, which may spread the burning material.
Specific Hazards	Burning may produce carbon oxides (CO, CO ₂) and irritating or toxic smoke. 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. Cool containers exposed to fire with water spray.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Product is slippery; use non-slip footwear. Keep ignition sources away. Wear appropriate PPE (see Section 8).
Environmental Precautions	Prevent entry into drains, sewers, soil and watercourses.
Containment / Clean-up	Contain spill. Absorb with inert material (sand, vermiculite, dry earth). Collect 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.



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SECTION 7 HANDLING AND STORAGE

Handling Precautions	Avoid generation of oil mist. Avoid prolonged or repeated skin contact. Keep away from heat and ignition sources. Use with adequate ventilation.
Hygiene	Wash hands thoroughly after handling. Remove and launder contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
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 oxidising agents (e.g. nitric acid, chlorine, permanganates, peroxides). Avoid contact with concentrated acids and halogens.
Segregation	Segregate from food, drink, animal feed and incompatible chemicals.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit	White mineral oil / heavy liquid paraffin (CAS 8012-95-1): use verified local OEL if established (e.g. NIOSH REL for mineral oil mist: 5 mg/m ³ TWA; OSHA PEL: 5 mg/m ³ TWA); otherwise apply ALARA / good industrial hygiene practice. Supplier and regional OEL confirmation required.
Engineering Controls	Use closed handling systems or local exhaust ventilation for oil mist or aerosol. Use explosion-proof ventilation and bonding/grounding for flammable atmospheres.
Respiratory Protection	If ventilation is inadequate to control oil mist, use a NIOSH/EN-approved respirator with P95/P100 particulate cartridge. Use SCBA for emergencies or high-mist situations.
Hand / Eye / Skin	Gloves: chemical-resistant nitrile, butyl, neoprene, PVC or laminate; select thickness and breakthrough time for the task. Eye: chemical splash goggles (EN 166/ANSI Z87.1); add face shield for splash risk. Body: chemical-resistant clothing/apron and safety footwear. Provide eyewash and safety shower where appropriate.



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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colourless oily liquid.
Odour	Characteristic (faint petroleum / mineral oil odour).
Odour Threshold	Not established.
pH	Not applicable (non-aqueous oil).
Melting / Freezing Point	Not established (UVCB mixture; pours at low temperature but does not have a defined freezing point).
Boiling Point / Range	>360 °C (typical for heavy mineral oil; exact range is grade-specific and supplier-confirmed).
Flash Point	>180 °C (Pensky–Martens open cup, typical for heavy liquid paraffin; verify with supplier COA).
Auto-ignition Temperature	Not established.
Flammability Limits	Not established.
Vapour Pressure	Very low / negligible at 20 °C (consistent with high-boiling mineral oil).
Vapour Density (air = 1)	Not applicable (negligible volatility at ambient conditions).
Relative Density	Approx. 0.84–0.88 g/cm ³ at 15 °C (typical for heavy mineral oil).
Solubility in Water	Insoluble.
Log Pow (Partition Coeff.)	Not established for this UVCB grade; obtain from supplier for regulatory purposes.
Evaporation Rate	Negligible (heavy, high-viscosity oil).
Viscosity	High viscosity oil; grade-specific — confirm from supplier specification.
VOC Content	Negligible (heavy mineral oil; essentially non-volatile at ambient temperature).

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage and handling conditions.
Conditions to Avoid	Avoid heat, ignition sources, contamination and incompatible materials.
Incompatible Materials	Strong oxidising agents (nitric acid, chlorine, permanganates, peroxides). Concentrated acids and halogens. Reactive with aluminium chloride (AlCl ₃) under elevated temperature — not a concern in normal ambient storage or blending.



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Hazardous Decomposition	Carbon oxides (CO, CO ₂) and irritating or toxic fumes may form in fire or at high temperatures.
Hazardous Reactions	Will not occur under normal conditions when stored and handled correctly.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Low acute oral toxicity expected for this grade of highly refined mineral oil. Numeric LD ₅₀ data requires supplier/test confirmation.
Acute Dermal Toxicity	Low acute dermal toxicity expected. Endpoint-specific data requires supplier/test confirmation.
Acute Inhalation Toxicity	Oil mist at elevated concentrations may irritate the respiratory tract. Low acute inhalation hazard at ambient conditions given negligible vapour pressure.
Skin Irritation	Prolonged or repeated contact may cause mild skin irritation or dryness. Not classified as a skin irritant for short-term contact.
Eye Irritation	May cause transient eye irritation on direct contact.
Sensitisation	Not expected to be a skin or respiratory sensitiser; confirm from supplier data.
Carcinogenicity	Highly refined white mineral oils (Category 1, highly refined) are not classifiable as carcinogenic under IARC Group 3 / EU CLP. Supplier confirmation of refining process and category required.
Mutagenicity	Not classified as mutagenic. Endpoint-specific data requires supplier/test confirmation.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	No acute or chronic aquatic classification identified from reviewed data. Avoid release to water; mineral oil is physically harmful to aquatic organisms (coating/smothering effect).
Persistence / Degradability	Mineral oil is not readily biodegradable; persistent in the environment. Obtain supplier/ecotoxicity data if required for registration or export.
Bioaccumulation	Potential for bioaccumulation exists (high log Kow); obtain verified BCF data from supplier for regulatory submissions.
Mobility in Soil	Low water solubility means limited mobility in soil; adsorbs to soil particles. Prevent release to soil and groundwater.



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Other Adverse Effects	Avoid uncontrolled release to the environment. Manage releases and waste under applicable local environmental regulations.
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SECTION 13 DISPOSAL CONSIDERATIONS

Waste from Product	Dispose of contents through an authorised waste contractor in accordance with local regulations. Do not pour down drains, sewers or waterways.
Contaminated Packaging	Empty containers may retain residues; handle as hazardous until cleaned or disposed. Do not reuse for food, drink or other sensitive products.
Indian Regulations	Follow Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and applicable State Pollution Control Board (SPCB) requirements. Assign waste code per actual process and local regulation.

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 regulated	Not regulated	Not regulated
Marine Pollutant	No	No	—

Heavy liquid paraffin (CAS 8012-95-1, flash point >180 °C) is not classified as a dangerous good under ADR, IMDG or IATA regulations at ambient temperature. Use approved compatible containers. Verify current carrier rules and national transport regulations before shipment.

SECTION 15 REGULATORY INFORMATION

EU / REACH / CLP	Observe REACH (EC 1907/2006) and CLP (EC 1272/2008) requirements where applicable. Classified and labelled according to the GHS/CLP classification listed in Section 2 (not classified).
OSHA (USA)	Prepared in OSHA HCS/HazCom 2012 aligned 16-section SDS format. Verify TSCA inventory / SNUR status before US import or distribution; UVCB status may require supplier confirmation.



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India	Observe applicable Indian MSIHC Rules 1989, Factories Act 1948, Environment Protection Act 1986, Hazardous and Other Wastes Rules 2016, and State Pollution Control Board requirements.
Other Jurisdictions	China: use applicable GB/T SDS and classification requirements where marketed. Canada: classify and label under WHMIS 2015/HPR; bilingual SDS/label and ingredient disclosure may be required. Australia: check AICS inventory status before import. Final market placement requires confirmation of local OELs, transport class, waste code and applicable 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

- None — substance is not classified as hazardous; no H-statements are assigned.