



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)

Hard Paraffin Wax *SDS*

REV 3.1

29 JULY 2026

GHS REV.11 (2025)

CAS 8002-74-2

EC 232-315-6

SIGNAL WORD **ANGER**

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

Product Name	Hard Paraffin Wax
Product Type	Paraffin wax, hard grade
Chemical Family	Petroleum wax
CAS No.	8002-74-2
EC No.	232-315-6
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/hard-paraffin-wax
SDS Revision	July 2026
SDS Version	3.1

SECTION 2 HAZARD IDENTIFICATION

Not classified as hazardous under GHS. Molten material causes thermal burns.

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

HAZARD STATEMENTS



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- No GHS hazard statements assigned (substance is not classified under GHS). Note: molten material causes thermal burns – handle with thermal-burn precautions.

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
Hard Paraffin Wax	8002-74-2	2232-315-6	100	Not classified; molten material causes thermal burns

Percentages are by weight. Full text of H-statements listed in Section 16.

SECTION 4 FIRST AID MEASURES

Inhalation	Move to fresh air if dust or fume is inhaled. Seek medical attention if irritation or symptoms persist.
Skin Contact	For molten wax contact: cool immediately with water; do not try to remove solidified wax from skin. Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Seek medical attention for burn injuries or if symptoms persist.
Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek immediate 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. Thermal burns from molten wax should be treated as standard burn injuries.

SECTION 5 FIREFIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry chemical, carbon dioxide or water spray. Molten wax can burn; use appropriate media for burning liquid.
Unsuitable Media	Direct high-pressure water jet where it may spread molten material.
Specific Hazards	Combustible solid; molten wax can burn and may spread. 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 and fire water from entering drains and waterways.



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SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with molten material. Allow spilled molten wax to solidify before collection where safe. Prevent slipping on solidified wax.
Environmental Precautions	Prevent entry into drains, sewers, soil and watercourses.
Containment / Clean-up	Collect solidified wax mechanically and place 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 above the flash point. Handle away from ignition sources and oxidisers. Take precautions against molten wax burns when melting or transferring.
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	CAS 8002-74-2: Use verified local OEL/STEL if established (OSHA/NIOSH/ACGIH/EU/UK/India); otherwise apply ALARA / good industrial hygiene. Supplier/regional OEL confirmation required.
Engineering Controls	Use closed handling systems and local exhaust ventilation for dust, mist, vapour or aerosol. Use explosion-proof ventilation and grounding where molten wax or vapour is present.
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.



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Hand / Eye / Skin	Gloves: chemical-resistant (nitrile, butyl, neoprene, PVC or laminate); for molten wax use heat-resistant gloves. Eye/Face: EN 166/ANSI Z87.1 chemical splash goggles; add face shield for molten or pressure-transfer risk. Body: chemical-resistant clothing/apron, safety footwear. Provide eyewash and safety shower where appropriate.
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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to translucent solid slabs/pellets at ambient temperature.
Odour	Characteristic faint petroleum/waxy odour.
Odour Threshold	Not established.
pH	Not applicable (solid; insoluble in water). For aqueous grades, verify pH from supplier COA/SDS.
Melting / Freezing Point	Typically 50–74°C (hard grade); confirm exact value from supplier specification.
Boiling Point / Range	>300°C (decomposes / distills above this range; typically reported as >300°C for paraffin wax).
Flash Point	Typically 200–250°C (open cup) for hard paraffin wax; confirm from supplier specification.
Auto-ignition Temperature	Not established; reported values for paraffin wax are in the range 245–300°C — confirm from supplier.
Flammability Limits	Not established for solid form; dust clouds may be flammable.
Vapour Pressure	Negligible at ambient temperature.
Vapour Density (air = 1)	See supplier specification.
Relative Density	Approximately 0.88–0.94 g/cm ³ at 15°C (typical hard grade); confirm from supplier COA.
Solubility in Water	Insoluble.
Log Pow (Partition Coeff.)	Not established for this UVCB/petroleum-derived substance; BCF/log Kow data requires supplier or ECHA confirmation.
Evaporation Rate	Negligible at ambient temperature.
Viscosity	Liquid viscosity applicable only when molten; confirm from supplier specification (typically 10–20 mPa·s at 100°C).
VOC Content	Negligible; paraffin wax is essentially non-volatile at ambient conditions. Assess under applicable local VOC rules.



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SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage and handling conditions.
Conditions to Avoid	Avoid heat above flash point, 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 toxicity expected. Solid wax is not readily ingested; molten wax can cause oral/gastric thermal burns.
Acute Dermal Toxicity	Low toxicity expected; molten wax causes thermal burns on skin contact.
Acute Inhalation Toxicity	Low toxicity expected at ambient temperature. Heated or molten wax fumes may cause respiratory irritation.
Skin Irritation	Low irritation potential for solid wax. Molten wax causes thermal burns.
Eye Irritation	Low irritation potential for solid wax. Molten wax causes severe thermal burns to eyes.
Sensitisation	Not classified as a sensitiser; no data indicating sensitisation.
Carcinogenicity	Endpoint-specific assessment: see Section 2 classification and Section 3 ingredients. Additional numeric endpoint data requires supplier/test confirmation.
Mutagenicity	Endpoint-specific assessment: see Section 2 classification and Section 3 ingredients. Additional numeric endpoint data requires supplier/test confirmation.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	No aquatic toxicity classification identified. Paraffin wax is insoluble in water; acute toxicity to aquatic organisms is expected to be low.
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Numeric ecotoxicity was not verified from available data; avoid release to water.

Persistence / Degradability	Not readily biodegradable by standard test criteria for UVCB/petroleum substances. Do not assume ready biodegradability without supplier or test confirmation.
Bioaccumulation	Use verified log Kow/BCF data where available; UVCB/petroleum materials need supplier formulation data for determination.
Mobility in Soil	Low mobility; insoluble solid. Assess adsorption potential from 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 applicable local regulation.
Contaminated Packaging	Empty containers may retain residues; handle as potentially hazardous until professionally cleaned or disposed of through an authorised contractor.
Indian Regulations	Follow applicable Indian Hazardous Waste Management Rules, CPCB guidelines, and state 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 regulated	Not regulated	Not regulated
Marine Pollutant	N/A	No	N/A

Hard Paraffin Wax (solid) is not classified as a dangerous good under ADR, IMDG or IATA at ambient temperature. Use approved compatible packaging appropriate to the product. Verify current carrier and destination-country 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. This substance is a UVCB (petroleum-derived); REACH registration obligations depend on tonnage and import/export jurisdiction.
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 chemical safety requirements, PCB/CPCB waste and pollution-control requirements, and transport regulations.
Other Jurisdictions	China: Use applicable GB/T SDS and classification requirements where marketed. Canada: Classify/label under WHMIS 2015/HPR using Section 2 classification; Canadian sale may require bilingual SDS/label and ingredient disclosure. Australia/GCC: Check local inventory and regulatory 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 GHS H-statements assigned — substance is not classified under GHS. Thermal burn hazard from molten material is a physical hazard noted in Sections 2, 4, 7 and 9 but does not carry a formal GHS H-statement code for this substance class.