



SUPREME PETRO CHEMICALS

IMPORTER & DISTRIBUTOR OF INDUSTRIAL CHEMICALS ·
SINCE 1997

No. 145, 1st Floor, Raja Muthiah Road,
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SAFETY DATA SHEET (SDS)

Chlorinated Paraffin Wax (CPW) *SDS*

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

CAS **63449-39-8** EC **264-150-0** SIGNAL WORD **DANGER**

GHS09

Environmental Hazard

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

Product Name	Chlorinated Paraffin Wax (CPW)
Product Type	Paraffin waxes and hydrocarbon waxes, chlorinated
Chemical Family	Chlorinated hydrocarbon UVCB
CAS No.	63449-39-8
EC No.	264-150-0
Intended Use	Industrial plasticiser, flame retardant additive, metalworking fluid additive, PVC additive, rubber and paint auxiliary.
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/chlorinated-paraffin-wax-cpw
SDS Revision	July 2026
SDS Version	3.1



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SECTION 2 HAZARD IDENTIFICATION

GHS/CLP Classification: Aquatic Chronic 2 (H411); Reproductive Toxicity – Lactation (H362)

Signal Word

WARNING

GHS Pictograms

GHS09 – Environmental Hazard

HAZARD STATEMENTS

- H362 – May cause harm to breast-fed children
- H411 – Toxic to aquatic life with long lasting effects

PRECAUTIONARY – PREVENTION

- P260 – Do not breathe vapours or spray.
- P263 – Avoid contact during pregnancy and while nursing.
- P270 – Do not eat, drink or smoke when using this product.
- 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

- P260 – Do not breathe vapours or spray.
- P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- 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.
- P308+P313 – IF exposed or concerned: Get medical advice / attention.
- P312 – Call a POISON CENTER or doctor if you feel unwell.
- P331 – Do NOT induce vomiting.
- P391 – Collect spillage.
- P403+P235 – Store in a well-ventilated place. Keep cool.
- P405 – Store locked up.



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- 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
Paraffin waxes and hydrocarbon waxes, chlorinated (UVCB)	63449– 39–8	264– 150–O	100	Aquatic Chronic 2 — H411; Repr. Lact. — H362

Single-component UVCB substance. Chlorine content and chain length vary by grade (SCCP/MCCP/LCCP); confirm exact grade with supplier. Full text of H-statements listed in Section 16.

SECTION 4 FIRST AID MEASURES

Inhalation	Remove person to fresh air and keep comfortable for breathing. If symptoms persist (coughing, dizziness, respiratory irritation), obtain medical attention.
Skin Contact	Remove contaminated clothing. Wash affected skin thoroughly with water and soap. Seek medical attention if irritation develops or persists.
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 immediately.
Note to Physician	No specific antidote. Treat symptomatically based on exposure route and product hazards. Environmental / lactation hazard — advise nursing mothers to seek specialist guidance.

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 (may spread burning material).
Specific Hazards	Combustion may produce hydrogen chloride (HCl), chlorine-containing fumes and carbon oxides — all toxic and corrosive. Containers may rupture when exposed to heat. Dust or fine particulate may form combustible or irritating atmospheres.
Protective Equipment	Wear full protective clothing and self-contained breathing apparatus (SCBA). Do not rely on standard respiratory protection — use SCBA



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	in enclosed or smoke-filled areas.
Special Procedures	Evacuate non-essential personnel. Prevent contaminated fire-fighting water and run-off from entering drains and waterways. Treat run-off as environmentally hazardous.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate PPE (see Section 8). Material is slippery when spilled. Keep non-essential personnel away. Ventilate area. Avoid breathing vapours or mist.
Environmental Precautions	Prevent entry into drains, sewers, soil, surface water and groundwater. Product is classified as an aquatic hazard — environmental release must be reported to relevant authorities as required by local law.
Containment / Clean-up	Contain spill with sand, earth or other non-combustible absorbent. Collect material into labelled, sealed containers for disposal through an approved waste contractor. Wash area with water after collection.
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 prolonged or repeated skin and eye contact. Avoid mist formation and inhalation of vapours. Prevent environmental release. Ground / bond containers when transferring to prevent static discharge. Use explosion-proof ventilation and equipment.
Hygiene	Wash hands thoroughly after handling. Remove contaminated clothing before reuse. Do not eat, drink or smoke when using. Do not allow nursing mothers to handle without specialist risk assessment.
Storage Conditions	Store in original, tightly closed compatible containers in a well-ventilated, cool, dry area away from heat sources, ignition sources and direct sunlight. Inspect containers regularly for leakage or damage.
Storage Temperature	Ambient temperature unless supplier specification states otherwise. Liquid grades may congeal below ~10°C — confirm pour point with supplier.



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Incompatible Materials	Strong oxidising agents (nitric acid, permanganates, peroxides, chlorine). Avoid contact with concentrated acids, halogens and aluminium chloride (AlCl ₃) at elevated temperature.
Segregation	Segregate from food, drink, animal feed, oxidisers, and incompatible chemicals. Keep away from sources of ignition.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit	CAS 63449-39-8 (Chlorinated Paraffin Wax): No specific OEL established under OSHA, ACGIH, EU OELs or Indian CPCB/MSIHC at time of issue. Apply ALARA / good industrial hygiene principles. Confirm with supplier and regional authority before use.
Engineering Controls	Use closed handling systems or local exhaust ventilation (LEV) for operations generating dust, mist, vapour or aerosol. Explosion-proof ventilation and electrical grounding required where flammable concentrations may occur. Provide eye-wash station and emergency shower.
Respiratory Protection	If LEV is inadequate or not feasible, use a NIOSH/EN-certified respirator with organic vapour + P95/P100 particulate cartridge. Use SCBA for emergencies, fire or confined-space entry.
Hand / Eye / Skin	Hands: compatible chemical-resistant gloves (nitrile, butyl, neoprene, PVC or laminate) – verify breakthrough time for grade and task. Eyes/Face: EN 166 / ANSI Z87.1 chemical splash goggles; add face shield for splash or elevated-temperature handling. Body: chemical-resistant clothing/apron and safety footwear; antistatic PPE where vapours may occur.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless to pale yellow viscous liquid or waxy solid depending on chlorine content and chain length grade.
Odour	Mild characteristic odour.
Odour Threshold	Not established.
pH	Not applicable (non-aqueous substance). For aqueous solution grades, verify pH from supplier COA / SDS before use.
Melting / Freezing Point	See supplier specification (grade-dependent; SCCP grades typically solid at room temperature, liquid MCCP/LCCP grades have lower



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	pour points).
Boiling Point / Range	Typically >180°C (grade-dependent).
Flash Point	Typically >100°C (closed cup; exact value is grade-dependent — confirm from supplier COA/SDS). [FLAG: source stated 'Not established'; CPW is known to have a measurable flash point — supplier confirmation required.]
Auto-ignition Temperature	Not established; confirm from supplier SDS.
Flammability Limits	Very low (product has low vapour pressure at ambient temperature; flammability limits are not practically significant for solid/viscous grades).
Vapour Pressure	Very low; not established for commercial grades at ambient temperature.
Vapour Density (air = 1)	Not established (molecular weight is high, ~400–700 g/mol depending on grade; vapour is expected to be significantly heavier than air).
Relative Density	Approx. 1.1–1.4 (g/cm ³); chlorine-content and chain-length dependent.
Solubility in Water	Insoluble.
Log Pow (Partition Coeff.)	Not established for supplied commercial UVCB grade; expected high (lipophilic). Confirm from ECHA / supplier data.
Evaporation Rate	Very low (waxy / high molecular weight material; negligible evaporation at ambient conditions).
Viscosity	Grade-dependent; liquid grades are typically highly viscous. Confirm from supplier specification.
VOC Content	Assess under applicable local VOC regulations. Low to negligible for solid/waxy grades.

SECTION 10 STABILITY AND REACTIVITY

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



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Hazardous Decomposition	Carbon oxides (CO, CO ₂), hydrogen chloride (HCl) and other irritating or toxic chlorine-containing fumes may be formed in fire or at elevated temperatures.
Hazardous Reactions	No hazardous polymerisation. No hazardous reactions under normal storage conditions when handled correctly.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Low acute oral toxicity based on available data for chlorinated paraffin wax. Endpoint-specific LD ₅₀ data requires supplier / test confirmation.
Acute Dermal Toxicity	Low acute dermal toxicity expected. May cause mild skin irritation on prolonged or repeated contact. Endpoint-specific data requires supplier confirmation.
Acute Inhalation Toxicity	Low vapour pressure limits inhalation risk at ambient temperature. Mist or heated vapour may cause respiratory irritation. Endpoint-specific LC ₅₀ data requires supplier confirmation.
Skin Irritation	May cause mild to moderate irritation on prolonged or repeated contact; classified under grade-specific assessments. Avoid prolonged skin exposure.
Eye Irritation	May cause mild irritation. Rinse promptly with water.
Sensitisation	Not classified as a skin or respiratory sensitiser based on available data; confirm grade-specific assessment with supplier.
Carcinogenicity	SCCP (short-chain chlorinated paraffins, C10–C13) are classified as possible carcinogens (IARC Group 2B) and are subject to regulatory restrictions in EU/REACH. MCCP/LCCP grades have different regulatory status. Confirm chain-length grade before use.
Mutagenicity	Not classified for mutagenicity. Endpoint-specific data requires supplier / regulatory confirmation.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	Classified Aquatic Chronic 2 (H411) — toxic to aquatic life with long lasting effects. Acute and chronic aquatic toxicity data: obtain LC ₅₀ /EC ₅₀ /NOEC values from supplier, ECHA or PubChem for the specific grade.
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Persistence / Degradability	Chlorinated paraffins are generally considered persistent. Do not assume ready biodegradability. Obtain grade-specific biodegradation data from supplier or ECHA.
Bioaccumulation	Expected to bioaccumulate (high log Kow). SCCP grades are subject to POP controls under the Stockholm Convention. Confirm chain-length grade and applicable restrictions.
Mobility in Soil	Low solubility and high lipophilicity suggest limited soil mobility; tendency to sorb to organic matter. Prevent release to soil and groundwater.
Other Adverse Effects	Avoid uncontrolled release to the environment. SCCP grades are subject to restrictions under EU REACH Annex XVII and the Stockholm Convention (POP). 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, regional and national regulations. Do not discharge to drain, sewer, surface water or groundwater.
Contaminated Packaging	Empty containers may retain product residues. Handle as hazardous until cleaned or formally disposed. Return to supplier or dispose via approved container-waste route.
Indian Regulations	Follow applicable requirements under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, Environment Protection Act 1986, MSIHC Rules, and CPCB / SPCB waste-disposal guidelines.

SECTION 14 TRANSPORT INFORMATION

PARAMETER	UN / ADR (ROAD)	IMDG (SEA)	IATA (AIR)
UN Number	UN 3082	UN 3082	UN 3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CHLORINATED PARAFFIN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CHLORINATED PARAFFIN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CHLORINATED PARAFFIN)
Class	9	9	9
Packing Group	III	III	III



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PARAMETER	UN / ADR (ROAD)	IMDG (SEA)	IATA (AIR)
Marine Pollutant	Verify — likely Yes if IMDG criteria met	Verify — likely Yes if IMDG criteria met	—

UN 3082 applies where the supplied grade meets environmentally hazardous substance transport criteria (Aquatic Chronic 2 classification supports this). IMDG EmS: F-A, S-F. Solid grades (waxy) may be classified as ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. — confirm physical state and classification with carrier. SCCP grades may be subject to additional import / transit restrictions. UN-certified drum required for international transport. Verify current carrier rules before shipment. Drum must be labelled with Class 9 placard, UN 3082, PG III and product name.

SECTION 15 REGULATORY INFORMATION

EU / REACH / CLP	Classified and labelled in accordance with EU CLP Regulation (EC No. 1272/2008) as per Section 2. Subject to REACH registration and downstream user obligations. SCCP (CAS 85535-84-8 and related) are listed on REACH Annex XVII (restriction) and as SVHC / POP. Confirm exact grade CAS and applicability.
OSHA (USA)	Prepared in OSHA HCS / HazCom 2012 aligned 16-section SDS format. Verify TSCA inventory status before US import or distribution; UVCB / mixture status may require supplier confirmation.
India	Observe applicable requirements under the Manufacture, Storage and Import of Hazardous Chemical (MSIHC) Rules 1989 (amended), Environment Protection Act 1986, Hazardous Waste Rules 2016, and CPCB / SPCB notifications.
Other Jurisdictions	Canada WHMIS 2015 / HPR: classify and label under WHMIS using Section 2 classification; bilingual SDS and ingredient disclosure may be required. Australia AICS: confirm inventory status before export or import. China GB Standards: apply GB/T SDS and classification requirements where marketed. Middle East / GCC: observe GHS-aligned local requirements. Final market placement requires confirmation of inventory status, 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



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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

- H362 — May cause harm to breast-fed children
- H411 — Toxic to aquatic life with long lasting effects