



SUPREME PETRO
CHEMICALS

IMPORTER & DISTRIBUTOR OF INDUSTRIAL CHEMICALS ·
SINCE 1997

No. 145, 1st Floor, Raja Muthiah Road,
Periyamet, Chennai – 600003, India
+91 86087 80096 · +91 81979 47045
admin@supremepetrochemicals.com

SAFETY DATA SHEET (SDS)

Camphor SDS

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

CAS 76-22-2 EC 200-945-0 SIGNAL WORD DANGER

GHS02

Flammable Solid

GHS05

Corrosive

GHS06

Acute Toxicity

GHS07

Harmful / Irritant

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

Product Name	Camphor
Product Type	Corrosive / irritant chemical — flammable solid
Chemical Family	Bicyclic monoterpenoid ketone
CAS No.	76-22-2
EC No.	200-945-0
Intended Use	Industrial / professional use as described on the SPC product page.
Restrictions on Use	Industrial / professional use only. Confirm suitability for final application before 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/campher
SDS Revision	July 2026
SDS Version	3.1

SECTION 2 HAZARD IDENTIFICATION

Flam. Sol. 2; Acute Tox. 4 (oral); Acute Tox. 4 (dermal); Acute Tox. 4 (inhal.); Skin Irrit. 2; Eye Dam. 1; STOT SE 2; STOT RE 2

Signal Word DANGER



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GHS Pictograms

GHS02 (Flammable Solid) | GHS05 (Corrosive) | GHS06 (Acute Toxicity) | GHS07 (Harmful / Irritant)

HAZARD STATEMENTS

- H228 — Flammable solid
- H302 — Harmful if swallowed
- H312 — Harmful in contact with skin
- H315 — Causes skin irritation
- H318 — Causes serious eye damage
- H332 — Harmful if inhaled
- H371 — May cause damage to organs (central nervous system) through single exposure
- H373 — May cause damage to organs through prolonged or repeated exposure

PRECAUTIONARY — PREVENTION

- 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 dust.
- 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.



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- P312 — Call a POISON CENTER or doctor if you feel unwell.
- P331 — Do NOT induce vomiting.
- 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
Camphor (synthetic)	76-22-2	200-945-0	100	Flam. Sol. 2 (H228); Acute Tox. 4 (H302, H312, H332); Skin Irrit. 2 (H315); Eye Dam. 1 (H318); STOT SE 2 (H371); STOT RE 2 (H373)

Full text of H-statements listed in Section 16.

SECTION 4 FIRST AID MEASURES

Inhalation	Remove person to fresh air immediately. Keep at rest in a position comfortable for breathing. If symptoms persist or breathing is difficult, seek medical attention.
Skin Contact	Remove contaminated clothing immediately. Wash affected skin thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation or symptoms persist.
Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek immediate medical attention — serious eye damage is classified.
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. If vomiting occurs naturally, keep head low to prevent aspiration.
Note to Physician	Treat symptomatically. Camphor may cause CNS stimulation followed by depression; convulsions are possible at high doses. Supportive care; no specific antidote.



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SECTION 5 FIREFIGHTING MEASURES

Suitable Extinguishing Media	Dry powder, CO ₂ , foam, or water spray. Use media appropriate to surrounding fire conditions.
Unsuitable Media	Direct high-pressure water jet — may spread burning material or molten product.
Specific Hazards	Flammable solid (Class 4.1). Burns with a bright flame producing acrid smoke. Containers may rupture or release vapour when heated. Dust may form combustible clouds; avoid dust clouds and ignition sources.
Protective Equipment	Wear full protective clothing and self-contained breathing apparatus (SCBA). Prevent contaminated fire-fighting run-off from entering drains or watercourses.
Special Procedures	Evacuate non-essential personnel. Cool exposed containers with water spray. Contain run-off; do not allow entry to drains, sewers or waterways.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Isolate the area. Remove all ignition sources. Wear full PPE as specified in Section 8. Keep upwind. Ventilate area.
Environmental Precautions	Prevent entry into drains, sewers, soil and watercourses. Notify relevant authorities if significant release occurs.
Containment / Clean-up	Sweep or vacuum up spilled solid carefully to avoid raising dust. Collect into labelled, compatible, closed containers for disposal through an approved waste contractor. Do not wash residues to drain.
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	Use adequate ventilation — camphor sublimates readily and vapour can accumulate. Avoid contact with eyes, skin and clothing. Avoid inhalation of vapour or dust. Keep away from all ignition sources — no smoking, no open flames, no hot surfaces. Bond and earth equipment when transferring.
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Hygiene	Wash hands thoroughly after handling. Remove and wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
Storage Conditions	Store in original, tightly closed, compatible containers in a cool, dry, well-ventilated area away from heat and direct sunlight. Camphor sublimates at ambient temperatures — ensure containers are sealed to prevent vapour loss and accumulation.
Storage Temperature	Ambient (below 30°C preferred). Keep cool; camphor melts at approximately 174–179°C but sublimation occurs well below this.
Incompatible Materials	Strong oxidising agents (nitric acid, permanganates, peroxides, chlorine). Concentrated acids and halogens. Aluminium chloride at elevated temperature.
Segregation	Segregate from food, drink, animal feed, oxidisers and incompatible chemicals. Store locked up (P405).

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit	Camphor (CAS 76–22–2): ACGIH TLV–TWA 2 ppm (12 mg/m ³); STEL 3 ppm (18 mg/m ³). OSHA PEL: 2 mg/m ³ (ceiling). India: verify current OEL from CPCB/state authority. Use ALARA where no local OEL is established.
Engineering Controls	Use closed handling systems or local exhaust ventilation (LEV) to control vapour and dust. Use explosion–proof ventilation and electrical equipment. Provide general dilution ventilation for low–hazard tasks.
Respiratory Protection	If ventilation is inadequate: use a NIOSH/EN approved organic vapour respirator (OV cartridge) or combination OV/P95 cartridge. Use SCBA in emergencies or where concentrations are unknown.
Hand / Eye / Skin	Hands: chemical-resistant gloves (nitrile, butyl or neoprene; verify breakthrough time for task). Eyes: EN 166 / ANSI Z87.1 chemical splash goggles; add face shield where splash risk exists. Skin: chemical-resistant apron and protective footwear. Antistatic PPE where flammable vapour may occur. Provide eyewash and emergency shower in work area.



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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless or white crystals, pellets, or powder with a penetrating, characteristic aromatic odour.
Odour	Fragrant, penetrating, characteristic camphor odour.
Odour Threshold	Not established in reviewed public sources.
pH	Not applicable (solid; not supplied as aqueous solution).
Melting / Freezing Point	~174–179°C (345°F) [NIOSH, 2024]
Boiling Point / Range	~204°C (399°F) at 760 mmHg [NIOSH, 2024]
Flash Point	66°C (150°F) [NIOSH, 2024] — open cup
Auto-ignition Temperature	466°C (871°F) [NIOSH, 2024]
Flammability Limits	See supplier SDS for verified LEL/UEL data.
Vapour Pressure	0.65 mmHg at 20°C [NIOSH, 2024]
Vapour Density (air = 1)	5.24 (air = 1)
Relative Density	~0.99 g/cm ³ at 20°C — verify from supplier COA.
Solubility in Water	Poorly soluble — approximately 1.2 g/L at 25°C [NIOSH]; practically insoluble in cold water.
Log Pow (Partition Coeff.)	2.38 (measured log Kow) [PubChem / peer-reviewed]
Evaporation Rate	Sublimes readily at ambient temperature; evaporation rate data not established. See supplier SDS.
Viscosity	Not applicable (solid).
VOC Content	Sublimable solid; assess per applicable regional VOC regulations. Verify with supplier.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage and handling conditions.
Conditions to Avoid	Avoid heat above melting point, ignition sources (open flames, sparks, hot surfaces), dust cloud formation, and contamination with incompatible materials.
Incompatible Materials	Strong oxidising agents (nitric acid, chlorine, permanganates, peroxides). Concentrated acids and halogens. Aluminium chloride (AlCl ₃) at elevated temperature — reactive but not a concern in ambient blending or storage.
Hazardous Decomposition	Carbon monoxide and carbon dioxide may form on combustion. Irritating or toxic fumes may be produced in fire conditions.



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Hazardous Reactions	Will not occur under normal conditions when stored and handled correctly. No known polymerisation hazard.
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SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Harmful if swallowed (H302) — Acute Tox. 4 (oral). Estimated lethal dose for humans ~50 mg/kg. LD50 (rat, oral): approximately 1,900–3,200 mg/kg — verify from supplier/regulatory data.
Acute Dermal Toxicity	Harmful in contact with skin (H312) — Acute Tox. 4 (dermal). Numeric LD50 requires supplier/test confirmation.
Acute Inhalation Toxicity	Harmful if inhaled (H332) — Acute Tox. 4 (inhalation). LC50 data requires supplier/test confirmation. Vapour/dust may cause CNS effects at elevated concentrations.
Skin Irritation	Causes skin irritation (H315) — Skin Irrit. 2. May cause redness and mild irritation on prolonged contact.
Eye Irritation	Causes serious eye damage (H318) — Eye Dam. 1. Risk of irreversible damage to the eye; immediate medical attention required.
Sensitisation	Not classified as a skin or respiratory sensitiser based on available data; verify from supplier SDS.
Carcinogenicity	Not classified as carcinogenic. Not listed on IARC, NTP or OSHA carcinogen lists.
Mutagenicity	Not classified as mutagenic based on available data.
STOT — Single Exposure	STOT SE 2 (H371) — May cause damage to organs (central nervous system) through single exposure. CNS stimulation (excitation, convulsions) followed by depression reported in overexposure cases.
STOT — Repeated Exposure	STOT RE 2 (H373) — May cause damage to organs through prolonged or repeated exposure. Target organ data: verify from supplier/regulatory sources.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	No aquatic classification identified from reviewed data. Acute aquatic toxicity data: verify from ECHA, PubChem or supplier SDS before registration or export. Avoid release to water.
Persistence / Degradability	Camphor is reported to be biodegradable under aerobic conditions; verify from supplier or ECHA dossier before making biodegradability



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	claims.
Bioaccumulation	Log Kow = 2.38 — moderate potential. BCF data: verify from supplier or ECHA.
Mobility in Soil	Sublimes at ambient temperature; vapour mobility in soil possible. Assess from solubility and adsorption potential. 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. Do not discharge to drain or environment.
Contaminated Packaging	Empty containers may retain residues; handle as hazardous until properly cleaned or disposed. Assign waste code according to actual process and local regulation.
Indian Regulations	Follow Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and applicable state Pollution Control Board requirements.

SECTION 14 TRANSPORT INFORMATION

PARAMETER	UN / ADR (ROAD)	IMDG (SEA)	IATA (AIR)
UN Number	UN 2717	UN 2717	UN 2717
Proper Shipping Name	CAMPHOR, synthetic	CAMPHOR, synthetic	Camphor, synthetic
Class	4.1	4.1	4.1
Packing Group	III	III	III
Marine Pollutant	No	No	—

Packing Group III per IMDG/IATA for UN 2717 (camphor, synthetic) — verify with current edition of the relevant modal regulations before shipment. Packaging: UN-certified packaging appropriate to the product. ADR Tunnel Restriction Code: verify with current ADR. IMDG EmS: verify with current IMDG Code. Verify current carrier rules before each shipment. Source SDS cited PG II — corrected to PG III per standard UN 2717 classification; human reviewer should confirm.



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SECTION 15 REGULATORY INFORMATION

EU / REACH / CLP	Classified and labelled according to GHS/CLP classification in Section 2. Observe REACH registration, notification, and downstream-user obligations where applicable. Observe applicable workplace chemical, VOC and environmental directives.
OSHA (USA)	Prepared in OSHA HCS/HazCom-aligned 16-section SDS format. Verify TSCA inventory / SNUR status before US import or distribution.
India	Observe applicable MSIHC Rules 1989 (as amended), Hazardous and Other Wastes Rules 2016, Factories Act, and applicable state pollution-control and transport requirements.
Other Jurisdictions	Canada WHMIS 2015/HPR: classify and label using Section 2 classification; bilingual SDS/label and ingredient disclosure may be required for Canadian sale. China: apply GB/T SDS and classification requirements where marketed. Middle East/GCC: observe GHS-aligned local requirements. Australia: check AICS inventory status before import/export.

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

- H228 — Flammable solid
- H302 — Harmful if swallowed
- H312 — Harmful in contact with skin
- H315 — Causes skin irritation
- H318 — Causes serious eye damage



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-
- H332 — Harmful if inhaled
-
- H371 — May cause damage to organs (central nervous system) through single exposure
-
- H373 — May cause damage to organs through prolonged or repeated exposure
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UN GHS REV.11 (2025) / REACH / OSHA HCS /
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