



SUPREME PETRO
CHEMICALS

IMPORTER & DISTRIBUTOR OF INDUSTRIAL CHEMICALS ·
SINCE 1997

No. 145, 1st Floor, Raja Muthiah Road,
Periyamet, Chennai – 600003, India
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admin@supremepetrochemicals.com

SAFETY DATA SHEET (SDS)

Ceto Stearyl Alcohol SDS

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

CAS 67762-27-0 EC 267-008-6 SIGNAL WORD DANGER

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

Product Name	Ceto Stearyl Alcohol
Product Type	Cetearyl alcohol / cetostearyl alcohol
Chemical Family	Fatty alcohol blend
CAS No.	67762-27-0
EC No.	267-008-6
Intended Use	Industrial / professional chemical use as listed on the SPC product page.
Restrictions on Use	Industrial / professional use only. Do not use in consumer or medicinal applications unless separately qualified.
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/ceto-stearyl-alcohol
SDS Revision	July 2026
SDS Version	3.1

SECTION 2 HAZARD IDENTIFICATION

Not classified as hazardous under GHS / CLP. Dust may cause mechanical irritation to eyes and respiratory tract.

GHS Classification	Not classified; dust may cause mechanical irritation
Signal Word	Not classified
GHS Pictograms	No GHS pictogram (Not classified)



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HAZARD STATEMENTS

- No H-statements assigned (substance is not classified as hazardous under GHS / CLP).

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 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.
- 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
Alcohols, C16–18 / cetearyl alcohol	67762–27–0	267–008–6	100	Not classified

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 is inhaled. Treat irritation symptomatically. Seek medical attention if symptoms persist.
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) or water spray.
Unsuitable Media	Direct high-pressure water jet (may spread molten material).
Specific Hazards	Combustion may produce carbon oxides and irritating fumes. Molten material presents a burn hazard. Dust or fine particulate may form combustible atmospheres; avoid dust clouds near ignition sources. 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 fire-water run-off from entering drains and waterways.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid dust formation and slipping hazard from spilled flakes or solidified melt. Sweep or vacuum into suitable containers. Use
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	appropriate PPE (see Section 8).
Environmental Precautions	Prevent entry into drains, sewers, soil and watercourses.
Containment / Clean-up	Collect material into labelled containers for disposal through an approved waste contractor. Avoid dust generation during clean-up.
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 dust inhalation during handling. Avoid contact with eyes and skin. Provide adequate ventilation. Keep away from heat and ignition sources.
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. Keep cool and dry.
Storage Temperature	Store at ambient temperature (below melting point) unless supplier instructions specify otherwise.
Incompatible Materials	Strong oxidising agents (nitric acid, chlorine, permanganates, peroxides); concentrated acids; halogens.
Segregation	Segregate from food, drink, animal feed and incompatible chemicals.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit	Alcohols, C16–18 / cetearyl alcohol (CAS 67762–27–0): No specific OEL established by OSHA/NIOSH/ACGIH/EU/UK/India. Apply ALARA / good industrial hygiene principles. Verify local OEL if established.
Engineering Controls	Use closed handling systems or local exhaust ventilation for dust, mist or aerosol. Use explosion-proof ventilation and grounding where flammable dust concentrations may occur.
Respiratory Protection	If ventilation is inadequate, use a NIOSH/EN 149 approved respirator with P95/P100 particulate cartridge. Use SCBA for firefighting or emergencies.
Hand / Eye / Skin	Gloves: compatible chemical-resistant gloves (nitrile, butyl, neoprene, PVC or laminate); select for breakthrough time and task. Eyes: EN 166 / ANSI Z87.1 chemical splash goggles; add face shield for



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molten material. Body: chemical-resistant clothing/apron and safety footwear. Provide eyewash and safety shower where appropriate.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White waxy flakes, pastilles or solid.
Odour	Mild fatty odour.
Odour Threshold	Not established.
pH	Not applicable unless supplied/used as an aqueous solution. For aqueous grades, verify pH from supplier COA/SDS.
Melting / Freezing Point	Approx. 48–56 °C
Boiling Point / Range	>250 °C (estimated; decomposes/distills at elevated temperature — verify with supplier)
Flash Point	>150 °C (Cleveland open cup; fatty alcohol wax — verify with supplier COA)
Auto-ignition Temperature	Not established.
Flammability Limits	Not established (solid wax; dust explosion risk at elevated temperatures).
Vapour Pressure	Low or not established (solid at ambient temperature).
Vapour Density (air = 1)	Not established.
Relative Density	Approx. 0.8–0.9 (g/cm ³ at 20 °C)
Solubility in Water	Practically insoluble.
Log Pow (Partition Coeff.)	Not established for commercial grade.
Evaporation Rate	Not established (solid at ambient temperature).
Viscosity	See supplier specification (molten viscosity varies with grade and temperature).
VOC Content	Assess per applicable regional VOC regulations.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage and handling conditions.
Conditions to Avoid	Avoid heat above melting point, 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 ambient blending or storage.



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Hazardous Decomposition	Carbon oxides (CO, CO ₂) and irritating or toxic fumes may be formed in fire or at very high temperatures.
Hazardous Reactions	No hazardous reactions under normal storage and handling conditions.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Low acute toxicity expected based on substance class (fatty alcohol). Numeric LD ₅₀ data requires supplier/test confirmation.
Acute Dermal Toxicity	Low acute toxicity expected. Numeric LD ₅₀ data requires supplier/test confirmation.
Acute Inhalation Toxicity	Low acute inhalation toxicity expected. Dust may cause mechanical irritation to the respiratory tract. Numeric LC ₅₀ data requires supplier/test confirmation.
Skin Irritation	Mild mechanical irritation possible from dust or prolonged contact with molten material. Not classified as a skin irritant under GHS.
Eye Irritation	Dust may cause mechanical eye irritation. Not classified as an eye irritant under GHS.
Sensitisation	Not classified as a skin or respiratory sensitiser. Endpoint confirmation may be required for certain markets.
Carcinogenicity	Not listed as a carcinogen by IARC, NTP, OSHA or EU. Endpoint-specific assessment: see Section 2 and supplier data.
Mutagenicity	Not classified. Endpoint-specific assessment: see Section 2 and supplier data.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	No acute or chronic aquatic classification identified from reviewed data. Numeric ecotoxicity data should be obtained from supplier or ECHA/PubChem if required for registration or export. Avoid release to water.
Persistence / Degradability	Fatty alcohols are generally considered readily biodegradable. Verify with supplier data; do not assume ready biodegradability without test confirmation for UVCB or blended grades.
Bioaccumulation	Use verified log Kow / BCF data from supplier where available. Commercial/blended grades may require formulation-specific data.



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Mobility in Soil	Assess from solubility, adsorption potential and product form. Practically insoluble; may adsorb to soil. 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 EWC / waste code according to actual process and local regulation.
Contaminated Packaging	Empty containers may retain residues; handle as potentially hazardous until cleaned or disposed of through an authorised contractor.
Indian Regulations	Follow applicable Indian Hazardous Wastes (Management, Handling and Transboundary Movement) Rules and applicable 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

Not classified as a dangerous good under ADR, IMDG or IATA. Use an approved, compatible container appropriate to the product. Verify current carrier rules and any special provisions before shipment.

SECTION 15 REGULATORY INFORMATION

EU / REACH / CLP	Observe REACH and CLP requirements where applicable. Classified and labelled according to the GHS/CLP classification in Section 2.
OSHA (USA)	Prepared in OSHA HCS/HazCom 2012-aligned 16-section SDS format. Verify TSCA inventory/SNUR status before US import or distribution; mixture/UVCB status may require supplier confirmation.



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India	Observe applicable Indian MSIHC Rules, workplace chemical safety, storage, transport, pollution-control and hazardous-waste requirements.
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: Check AICS inventory status before import. GCC/Middle East: Observe applicable GHS-aligned local requirements. 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)
Key Sources	SPC product page; original SPC SDS template; consolidated SDS audit CSV dated 27 May 2026; UN GHS Rev.11 Annex 4; OSHA HCS Appendix D; EU REACH Annex II/CLP; Canada WHMIS/HPR; PubChem, ECHA, NIOSH/OSHA, CAMEO and public supplier SDS/transport references where available.
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 with all applicable laws and regulations.

FULL TEXT OF H-STATEMENTS

- No H-statements are assigned to this substance. Ceto Stearyl Alcohol (CAS 67762-27-0) is not classified as hazardous under GHS/CLP based on reviewed data.