



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)

Cocamidopropyl Betaine
(CAPB) *SDS*

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

CAS 61789-40-0 EC 263-058-8 SIGNAL WORD DANGER

GHS05

Corrosion / Serious Eye Damage

GHS07

Irritant

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

Product Name	Cocamidopropyl Betaine (CAPB)
Product Type	Cocamidopropyl betaine surfactant solution
Chemical Family	Amphoteric surfactant
CAS No.	61789-40-0
EC No.	263-058-8
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/cocamidopropyl-betaine-capb
SDS Revision	July 2026
SDS Version	3.1



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SECTION 2 HAZARD IDENTIFICATION

Skin Irrit. 2 (H315); Eye Dam. 1 (H318). Not classified for other hazard classes based on available data.

GHS Classification	Skin Irritation Category 2; Serious Eye Damage Category 1
Signal Word	DANGER
GHS Pictograms	GHS05 (Serious Eye Damage) GHS07 (Irritant)
Other Hazard Classes	Not classified for unlisted hazard classes based on reviewed source data.

HAZARD STATEMENTS

- H315 — Causes skin irritation
- H318 — Causes serious eye damage

PRECAUTIONARY — PREVENTION

- P260 — Do not breathe vapours or spray.
- P264 — Wash hands and exposed skin thoroughly after handling.
- 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+P312 — IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
- P302+P352 — IF ON SKIN: Wash with plenty of water.
- 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.
- P310 — Immediately call a POISON CENTER or doctor.
- P321 — Specific treatment: see Note to Physician (Section 4).
- P330 — Rinse mouth.
- P331 — Do NOT induce vomiting.
- P333+P313 — If skin irritation or rash occurs: Get medical advice/attention.



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- P362+P364 — Take off contaminated clothing and wash it before reuse.
- 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
Cocamidopropyl betaine	61789-40-0	263-058-8	25-35 (typical active matter)	Skin Irrit. 2 (H315); Eye Dam. 1 (H318)
Water	7732-18-5	231-791-2	Balance	Not classified

Full text of H-statements listed in Section 16.

SECTION 4 FIRST AID MEASURES

Inhalation	Move to fresh air if mist or spray is inhaled. Seek medical advice if symptoms persist.
Skin Contact	Remove contaminated clothing. Wash affected skin thoroughly with water and soap. 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 possible.
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. No specific antidote.

SECTION 5 FIREFIGHTING MEASURES

Suitable Extinguishing Media	Water spray, foam, dry chemical or carbon dioxide.
Unsuitable Media	Avoid direct high-pressure water jet where it may spread the material.
Specific Hazards	Combustion may produce carbon oxides and nitrogen oxides. Containers may rupture when heated. Product is an aqueous solution and is not classified as flammable.



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Protective Equipment	Wear full protective clothing and self-contained breathing apparatus (SCBA).
Special Procedures	Evacuate non-essential personnel. Prevent contaminated fire-fighting run-off from entering drains and waterways.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate PPE as listed in Section 8. Avoid contact with eyes and skin. Ventilate area if confined space.
Environmental Precautions	Prevent entry into drains, sewers, soil and watercourses. CAPB is a surfactant — foaming in waterways may affect aquatic environments.
Containment / Clean-up	Contain liquid spill. Absorb with inert material (sand, vermiculite, earth). Prevent drain entry due to foaming. Collect material into labelled containers for disposal through an approved waste contractor.
Reference to Sections	See Section 8 for PPE, Section 13 for disposal, Section 15 for regulatory information.

SECTION 7 HANDLING AND STORAGE

Handling Precautions	Avoid eye contact and prolonged skin contact. Handle in well-ventilated areas. Use appropriate PPE (Section 8).
Hygiene	Wash hands thoroughly after handling. Remove contaminated clothing before reuse. Do not eat, drink or smoke when using.
Storage Conditions	Store in original, tightly closed compatible containers. Protect from freezing and contamination. Inspect containers regularly for leakage or damage.
Storage Temperature	Ambient temperature (typically 5°C–40°C); protect from freezing. Confirm with supplier specification.
Incompatible Materials	Strong oxidising agents (nitric acid, chlorine, permanganates, peroxides). Avoid contact with concentrated acids and halogens.
Segregation	Segregate from food, drink, animal feed and incompatible chemicals.



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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit	No specific OEL established for Cocamidopropyl Betaine (CAS 61789-40-0) or water (CAS 7732-18-5) under OSHA/NIOSH/ACGIH/EU/India. Apply ALARA / good industrial hygiene principles. Confirm regional OEL with supplier.
Engineering Controls	Use closed handling or local exhaust ventilation to control mist, vapour or aerosol generation. Provide eyewash station and safety shower where appropriate.
Respiratory Protection	If ventilation is inadequate and mist/spray is generated, use a NIOSH/EN-approved respirator with appropriate cartridge. Use SCBA in emergencies or confined-space entries.
Hand / Eye / Skin	Hands: chemical-resistant gloves (nitrile, butyl, neoprene or PVC), appropriate thickness and breakthrough time for the task. Eyes: EN 166 / ANSI Z87.1 chemical splash goggles; add face shield where splash risk is high. Body: chemical-resistant apron/clothing and safety footwear.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to pale yellow viscous liquid; typically aqueous solution.
Odour	Characteristic (mild, faint amine-like in some grades).
Odour Threshold	Not established.
pH	Approx. 5–7 (for common 30% aqueous grades); confirm with supplier specification.
Melting / Freezing Point	See supplier specification (aqueous solution — onset of freezing approx. 0°C depending on concentration).
Boiling Point / Range	Approx. 100°C (aqueous solution boiling point governed by water content); confirm with supplier specification.
Flash Point	Not classified as flammable; aqueous solution grades do not sustain combustion under standard test conditions. No flash point applicable.
Auto-ignition Temperature	Not established.
Flammability Limits	Not established; product is not classified as flammable.
Vapour Pressure	Low (aqueous solution; vapour pressure governed by water — approx. 2.3 kPa at 20°C).
Vapour Density (air = 1)	Not established.



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Relative Density	Approx. 1.03–1.06 g/cm ³ at 20°C (typical for 30% aqueous grade); confirm with supplier specification.
Solubility in Water	Miscible / fully soluble.
Log Pow (Partition Coeff.)	Not established for commercial UVCB grade.
Evaporation Rate	Not established (low; similar to water).
Viscosity	See supplier specification (viscosity varies significantly with grade and concentration).
VOC Content	Negligible for aqueous solution grades. 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, 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 (including nitrogen oxides) may be formed in fire or extreme heat.
Hazardous Reactions	No hazardous reactions under normal storage and handling conditions.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	No GHS acute oral toxicity classification assigned based on reviewed data. Numeric LD ₅₀ data requires supplier/test confirmation.
Acute Dermal Toxicity	No GHS acute dermal toxicity classification assigned based on reviewed data.
Acute Inhalation Toxicity	No GHS acute inhalation toxicity classification assigned based on reviewed data. Mist/spray at elevated concentrations may cause respiratory irritation.
Skin Irritation	Classified: Skin Irritation Category 2 (H315) – Causes skin irritation. Supported by known irritancy of CAPB at working concentrations.



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Eye Irritation	Classified: Serious Eye Damage Category 1 (H318) — Causes serious eye damage. Prompt and thorough eye rinsing is critical.
Sensitisation	Not classified. Note: impurities such as amidoamine (3-dimethylaminopropylamine, DMAPA) in lower-purity grades may contribute to skin sensitisation in some individuals. Confirm with supplier's grade specifications.
Carcinogenicity	Not classified. No carcinogenicity classification assigned based on available data.
Mutagenicity	Not classified. No genotoxicity/mutagenicity classification assigned based on available data.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	No aquatic toxicity classification (acute or chronic) identified in Section 2 from reviewed data. CAPB is a surfactant — it can cause foaming and may be toxic to aquatic organisms at elevated concentrations. Avoid release. Obtain numeric ecotoxicity data from supplier where required for registration or export.
Persistence / Degradability	CAPB is generally considered readily biodegradable under aerobic conditions; however, this should be confirmed with supplier or regulatory data. Do not assume biodegradability without verified data.
Bioaccumulation	Not expected to bioaccumulate significantly (amphoteric surfactant; not lipophilic). Confirm with supplier log Kow / BCF data.
Mobility in Soil	Highly soluble — may be mobile in soil and could reach groundwater. Prevent release to soil.
Other Adverse Effects	Surfactant foaming may impair wastewater treatment plant performance. Manage releases under applicable environmental regulations.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste from Product	Dispose of contents through an authorised waste contractor in accordance with applicable local, state and national regulations. Do not pour down drain without appropriate dilution/treatment to prevent surfactant foaming in the sewer system.
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Contaminated Packaging	Empty containers may retain product residues; handle as hazardous until cleaned or disposed. Return, recycle or dispose of packaging through an approved scheme.
Indian Regulations	Follow Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016 and applicable State Pollution Control Board requirements. Assign appropriate waste code.

SECTION 14 TRANSPORT INFORMATION

PARAMETER	UN / ADR (ROAD)	IMDG (SEA)	IATA (AIR)
UN Number	Not regulated	Not regulated	Not regulated
Proper Shipping Name	Not applicable	Not applicable	Not applicable
Class	Not regulated	Not regulated	Not regulated
Packing Group	Not applicable	Not applicable	Not applicable
Marine Pollutant	No	No	—

CAPB aqueous solution at commercial concentrations is not classified as dangerous goods under ADR, IMDG or IATA based on available data. DG status requires grade verification against current ADR/IMDG/IATA criteria before shipment. Do not ship as 'not regulated' until grade-specific DG classification has been confirmed with carrier and applicable current regulations.

SECTION 15 REGULATORY INFORMATION

EU / REACH / CLP	Subject to REACH registration requirements where applicable. Classified and labelled in accordance with GHS/CLP classification listed in Section 2. Observe applicable VOC and workplace chemical regulations.
OSHA (USA)	Prepared in 16-section format aligned with OSHA HCS/HazCom 2012 (GHS-aligned). Verify TSCA inventory / SNUR status before US import or distribution; UVCB/mixture status may require supplier confirmation.
India	Observe applicable MSIHC Rules 1989, Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, Environment Protection Act 1986, and State Pollution Control Board requirements.
Other Jurisdictions	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 export or import. Middle East/GCC: Observe GHS-aligned local



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requirements. China: Apply GB/T SDS and classification requirements where marketed. 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

- H315 — Causes skin irritation
- H318 — Causes serious eye damage