



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)

SLES Liquid *SDS*

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

CAS 68585-34-2 EC 500-223-8 SIGNAL WORD **DANGER**

GHS05

Corrosive / Eye Damage

GHS07

Harmful / Irritant

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

Product Name	SLES Liquid
Product Type	Sodium laureth sulfate liquid
Chemical Family	Anionic surfactant
CAS No.	68585-34-2
EC No.	500-223-8
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/sles-liquid
SDS Revision	July 2026
SDS Version	3.1

SECTION 2 HAZARD IDENTIFICATION

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

Signal Word DANGER



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GHS Pictograms

GHS05 (Corrosive / Eye Damage) | GHS07 (Harmful / Irritant)

HAZARD STATEMENTS

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

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
Sodium laureth sulfate	68585-34-2	500-223-8	25-30 (typical active)	Skin Irrit. 2; Eye Dam. 1 (H315, H318)
Water	7732-18-5	231-791-2	Balance	Not classified

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

SECTION 4 FIRST AID MEASURES

Inhalation	Move to fresh air. If symptoms persist, obtain medical attention.
Skin Contact	Remove contaminated clothing. Wash affected skin thoroughly with soap and water. 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 immediately.
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	Water spray, foam, dry chemical or carbon dioxide suitable for surrounding fire.
Unsuitable Media	Direct high-pressure water jet where it may spread the material.
Specific Hazards	Combustion may produce irritating fumes. 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 from entering drains and waterways. Avoid dust clouds and ignition sources.



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SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate PPE (see Section 8). Avoid skin and eye contact. Prevent foaming; absorb spill before it enters drains.
Environmental Precautions	Prevent entry into drains, sewers, soil and watercourses.
Containment / Clean-up	Absorb with inert material. Collect into labelled containers for disposal through an approved waste contractor. Prevent foaming release to drains.
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 eye and skin contact. Keep container tightly closed during use.
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	Sodium laureth sulfate (CAS 68585-34-2): No national OEL established; apply ALARA / good industrial hygiene. Water (CAS 7732-18-5): No OEL. Verify local OELs (OSHA/NIOSH/ACGIH/EU/UK/India) before use.
Engineering Controls	Use closed handling systems and local exhaust ventilation for mist, vapour or aerosol. Use explosion-proof ventilation and grounding where flammable vapours may occur.
Respiratory Protection	If ventilation is inadequate, use a NIOSH/EN-approved respirator with organic vapour, acid gas, ammonia, or P95/P100 particulate cartridge as applicable. Use SCBA for emergencies.



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Hand / Eye / Skin	Gloves: compatible chemical-resistant gloves (nitrile, butyl, neoprene, PVC or laminate); select breakthrough time for the task. Eye/Face: chemical splash goggles (EN 166 / ANSI Z87.1); add face shield for splash risk. Body: chemical-resistant apron/clothing and safety footwear. Provide eyewash and safety shower.
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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to pale yellow viscous liquid.
Odour	Characteristic.
Odour Threshold	Not established.
pH	Approx. 6–9 (as supplied).
Melting / Freezing Point	See supplier specification.
Boiling Point / Range	See supplier specification (water-based; approximately 100 °C at 1 atm).
Flash Point	Not applicable — non-flammable aqueous surfactant.
Auto-ignition Temperature	Not established.
Flammability Limits	Not established.
Vapour Pressure	Not established (approximate value follows that of water at ambient temperature).
Vapour Density (air = 1)	Not established.
Relative Density	See supplier specification (typical range 1.02–1.06 g/cm ³).
Solubility in Water	Soluble (fully miscible).
Log Pow (Partition Coeff.)	Not established for supplied commercial grade.
Evaporation Rate	Not established.
Viscosity	See supplier specification.
VOC Content	Assess under applicable local VOC rules.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended handling and storage 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 under normal ambient blending or storage.



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Hazardous Decomposition	Carbon oxides and irritating or toxic fumes may be formed in fire.
Hazardous Reactions	No hazardous reactions under normal storage conditions. Will not occur when stored and handled correctly.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Specific numeric LD ₅₀ data not confirmed; endpoint assessment: see Section 2 classification. Supplier/test confirmation required for numeric endpoint.
Acute Dermal Toxicity	Specific numeric LD ₅₀ data not confirmed; endpoint assessment: see Section 2 classification. Supplier/test confirmation required.
Acute Inhalation Toxicity	Specific numeric LC ₅₀ data not confirmed; endpoint assessment: see Section 2 classification. Supplier/test confirmation required.
Skin Irritation	Classified Skin Irrit. 2 (H315): Causes skin irritation.
Eye Irritation	Classified Eye Dam. 1 (H318): Causes serious eye damage.
Sensitisation	Not classified as a skin sensitizer based on reviewed data. Supplier confirmation recommended.
Carcinogenicity	Not classified. No endpoint-specific evidence of carcinogenicity from reviewed data.
Mutagenicity	Not classified. No endpoint-specific evidence of mutagenicity from reviewed data.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	No aquatic GHS classification identified in Section 2 from reviewed data. Numeric ecotoxicity (LC ₅₀ /EC ₅₀) not universally verified. Avoid release to aquatic environments.
Persistence / Degradability	SLES is reported to be readily biodegradable under OECD test conditions; verify with supplier/ECHA data.
Bioaccumulation	Low bioaccumulation potential expected for ionic surfactants. Verify with supplier log Kow / BCF data.
Mobility in Soil	Assess from solubility, adsorption potential and product form. High water solubility implies potential mobility in soil and groundwater; prevent release.
Other Adverse Effects	Avoid uncontrolled release to the environment. Manage releases and waste under applicable local environmental regulations.



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SECTION 13 DISPOSAL CONSIDERATIONS

Waste from Product	Dispose of contents through an authorised waste contractor in accordance with local regulations.
Contaminated Packaging	Empty containers may retain residues; handle as hazardous until cleaned or disposed of in accordance with local regulations.
Indian Regulations	Follow applicable Indian hazardous waste, pollution control and Municipal Solid Waste rules. Assign waste code according to actual process and local regulation.

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 (not regulated)	N/A

Transport DG status requires verification of grade and concentration against current ADR/IMDG/IATA criteria before each shipment. Do not ship as 'not regulated' until verified with carrier. Use UN-certified compatible containers for international transport. Label with product name and relevant handling instructions.

SECTION 15 REGULATORY INFORMATION

EU / REACH / CLP	Observe REACH and CLP requirements where applicable. Classified and labelled according to the product-specific GHS/CLP classification in Section 2. Observe applicable workplace chemical, VOC and environmental requirements.
OSHA (USA)	Prepared in OSHA HCS/HazCom-aligned 16-section SDS format. Verify TSCA inventory/SNUR status before US import or distribution; mixture/UVCB status may require supplier confirmation.
India	Observe applicable Indian MSIHC Rules, workplace chemical safety, storage, transport, pollution-control and hazardous-waste requirements.
Other Jurisdictions	China: apply GB/T SDS and classification requirements where marketed. Canada WHMIS/HPR: classify and label under WHMIS 2015/HPR using Section 2 classification; Canadian sale may require



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bilingual SDS/label and ingredient disclosure. Middle East/GCC:
observe applicable GHS-aligned local requirements. Australia (AICS):
check inventory status before export or import. Final market
placement requires confirmation of 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