



SUPREME PETRO
CHEMICALS

IMPORTER & DISTRIBUTOR OF INDUSTRIAL CHEMICALS ·
SINCE 1997

No. 145, 1st Floor, Raja Muthiah Road,
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admin@supremepetrochemicals.com

SAFETY DATA SHEET (SDS)

SLES Paste 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 Paste
Product Type	Sodium laureth sulfate paste
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-paste
SDS Revision	July 2026
SDS Version	3.1

SECTION 2 HAZARD IDENTIFICATION

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

Signal Word DANGER



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GHS Pictograms	GHS05 (Corrosive / Eye Damage) GHS07 (Harmful / Irritant)
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HAZARD STATEMENTS

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

PRECAUTIONARY – PREVENTION

- 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+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 (for eye exposure).
- P331 — Do NOT induce vomiting.
- 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
Sodium laureth sulfate (SLES)	68585-34-2	500-223-8	65-70 (typical active)	Skin Irrit. 2 (H315); Eye Dam. 1 (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.



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SECTION 4 FIRST AID MEASURES

Inhalation	Move to fresh air. If symptoms (coughing, irritation) persist, obtain medical attention.
Skin Contact	Remove contaminated clothing. Wash affected area thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation persists.
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 with water. Do not induce vomiting. Give water to drink if the person is conscious. Seek medical advice promptly.
Note to Physician	Treat symptomatically based on exposure route and product hazards. Eye exposure: classify as Eye Dam. 1 emergency; arrange ophthalmological review.

SECTION 5 FIREFIGHTING MEASURES

Suitable Extinguishing Media	Water spray, foam, dry chemical powder, or carbon dioxide — use media appropriate to the surrounding fire.
Unsuitable Media	High-pressure water jet directed at the material (may spread product or create foaming run-off).
Specific Hazards	SLES paste is not classified as flammable. Combustion of the organic surfactant component may produce carbon oxides and irritating fumes. Containers may rupture or build pressure when exposed to fire or high heat.
Protective Equipment	Wear full protective clothing and self-contained breathing apparatus (SCBA).
Special Procedures	Evacuate non-essential personnel. Cool containers exposed to heat with water spray. Prevent contaminated fire-fighting run-off from entering drains and waterways.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate PPE (see Section 8). Avoid skin and eye contact. Beware of slippery surfaces caused by spilled paste.
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Environmental Precautions	Prevent entry into drains, sewers, soil and watercourses. Surfactants can cause foaming in waterways and harm aquatic organisms.
Containment / Clean-up	Contain the spill. Scoop up paste into labelled, compatible containers; absorb residues with inert material (sand, vermiculite). Avoid creating foam. Collect material 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 and skin contact. Handle in a well-ventilated area. Keep containers tightly closed when not in use. Avoid generating aerosols or mists.
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. Inspect containers regularly for leakage or damage. Protect from frost and prolonged exposure to high temperatures.
Storage Temperature	Ambient temperature (typically 10–35°C); follow supplier specification. Avoid freezing — may affect product consistency.
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	No specific OEL established for SLES paste (CAS 68585–34–2) under OSHA/NIOSH/ACGIH/EU/India at time of issue. Apply ALARA / good industrial hygiene practice. Water component (CAS 7732–18–5): not assigned an OEL. Verify current local limits with competent authority.
Engineering Controls	Use closed handling systems or local exhaust ventilation to control mist or aerosol. Provide eyewash stations and safety shower where there is risk of eye or skin contact.



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Respiratory Protection	Normally not required if ventilation is adequate. If mist or aerosol is generated and ventilation is insufficient, use a NIOSH/EN-approved respirator with particulate filter (P95/P100 or FFP2/FFP3). Use SCBA for emergencies.
Hand / Eye / Skin	Hands: chemical-resistant gloves (nitrile, butyl, neoprene or PVC); select appropriate thickness and breakthrough time for the task. Eyes/Face: EN 166 / ANSI Z87.1 chemical splash goggles; add face shield where splash risk exists. Skin/Body: chemical-resistant clothing or apron and safety footwear.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to pale yellow viscous paste.
Odour	Characteristic (mild, faint fatty/soapy).
Odour Threshold	Not established.
pH	Approx. 6–9 (as supplied paste; confirm with supplier specification).
Melting / Freezing Point	See supplier specification. SLES paste is a UVCB mixture; no single melting point. May solidify below ~10°C.
Boiling Point / Range	See supplier specification. Aqueous base: approx. 100°C at 1 atm (influenced by water content).
Flash Point	Not applicable — SLES paste is not classified as flammable. No flash point determined.
Auto-ignition Temperature	Not established.
Flammability Limits	Not applicable (non-flammable paste).
Vapour Pressure	Not established for the paste; water component ≈2.3 kPa at 20°C. Overall vapour pressure is low.
Vapour Density (air = 1)	Not established for the paste mixture.
Relative Density	See supplier specification. Typically 1.02–1.06 g/cm ³ at 20°C for 70% active SLES paste.
Solubility in Water	Soluble / dispersible.
Log Pow (Partition Coeff.)	Not established for the supplied commercial grade (UVCB / multi-ethoxylated mixture).
Evaporation Rate	Not established. Low — viscous paste with high water content.
Viscosity	See supplier specification. Typically high viscosity paste at ambient temperature.
VOC Content	Low (predominantly aqueous paste). Assess under applicable local VOC regulations.



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SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage and handling conditions.
Conditions to Avoid	Avoid heat above recommended storage temperature, ignition sources, contamination, and contact with incompatible materials.
Incompatible Materials	Strong oxidising agents (nitric acid, chlorine, permanganates, peroxides); concentrated acids; halogens. Reactive with aluminium chloride (AlCl ₃) at elevated temperature — not a concern under ambient blending or storage conditions.
Hazardous Decomposition	Carbon oxides (CO, CO ₂) and irritating or toxic fumes may be formed in fire or upon thermal decomposition.
Hazardous Reactions	No hazardous polymerisation. No hazardous reactions under normal storage and handling conditions.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Not classified. LD ₅₀ (oral, rat) for SLES reported in the range of 1,000–5,000 mg/kg in literature; exact value requires supplier/test confirmation.
Acute Dermal Toxicity	Not classified. Numeric LD ₅₀ (dermal) not established for this commercial grade; requires supplier confirmation.
Acute Inhalation Toxicity	Not classified. Vapour / aerosol generation is minimal from the paste at ambient conditions; inhalation risk is low under normal use. Numeric LC ₅₀ requires supplier confirmation.
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. Endpoint confirmation requires supplier/test data.
Carcinogenicity	Not classified. No evidence of carcinogenicity identified from reviewed regulatory databases.
Mutagenicity	Not classified. No evidence of mutagenicity / genotoxicity identified from reviewed regulatory databases. Numeric endpoint data requires supplier/test confirmation.



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SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	No acute or chronic aquatic hazard classification identified in Section 2 from reviewed data. SLES is a surfactant and can be acutely toxic to aquatic organisms at elevated concentrations. Avoid release to water bodies. Obtain supplier / ecotoxicity data if needed for registration or export.
Persistence / Degradability	SLES is generally considered readily biodegradable under aerobic conditions. Verify with supplier or ECHA data; do not assume biodegradability for regulatory submissions without supporting data.
Bioaccumulation	Low bioaccumulation potential expected (surfactant; log Kow not established for UVCB mixture). Verify with supplier BCF data.
Mobility in Soil	Moderate to high mobility in soil due to water solubility and surfactant properties. Prevent release to soil and groundwater.
Other Adverse Effects	Surfactants can disrupt aquatic ecosystems through foaming and emulsification. 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, state, and national regulations. Do not pour into drains or watercourses.
Contaminated Packaging	Empty containers may retain residues; handle as hazardous until professionally cleaned or disposed. Decontaminate before recycling where regulations permit.
Indian Regulations	Follow Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and applicable State Pollution Control Board requirements. 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



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PARAMETER	UN / ADR (ROAD)	IMDG (SEA)	IATA (AIR)
Proper Shipping Name	Not regulated	Not regulated	Not regulated
Class	Not regulated	Not regulated	Not regulated
Packing Group	Not applicable	Not applicable	Not applicable
Marine Pollutant	N/A	No (not designated)	N/A

SLES paste at 65–70% active is not classified as a dangerous good under ADR, IMDG, or IATA based on its GHS classification (Skin Irrit. 2; Eye Dam. 1 only). DG status must be verified against current ADR/IMDG/IATA criteria and carrier requirements before each shipment. Use approved, compatible UN-certified containers for international transport. Label packages with product name, supplier details, and hazard information per destination-country requirements.

SECTION 15 REGULATORY INFORMATION

EU / REACH / CLP	Observe REACH (EC 1907/2006) and CLP (EC 1272/2008) requirements where applicable. Classified and labelled according to the GHS/CLP classification in Section 2. Suppliers placing this substance on the EU market must comply with REACH registration and SDS obligations.
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.
India	Observe applicable Indian Manufacture, Storage and Import of Hazardous Chemical (MSIHC) Rules, 1989 (as amended); Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016; applicable workplace chemical, pollution-control and transport requirements. GST-classified chemical product.
Other Jurisdictions	Canada WHMIS 2015 / HPR: classify and label under WHMIS using Section 2 classification; Canadian sale may require bilingual SDS/label and ingredient disclosure. China: apply applicable GB/T SDS and classification requirements where marketed. 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 any jurisdiction-specific restrictions.



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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