

Safety Data Sheet: Sodium Cocoyl Glutamate

1. Identification

Product	Sodium Cocoyl Glutamate; CAS 68187-32-6; EC 269-087-2
Use	Professional personal-care ingredient and formulation development.
Company	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
Address	Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China
Telephone / email	+86-21-54265599 / sales@zxchem.com.cn
Emergency contact	ZXCHEM office number above, office hours, China time (UTC+8). For urgent medical assistance contact local emergency services.
Scope	Reference safety information for Sodium Cocoyl Glutamate. The reference composition, concentration and supply-grade differences are described in Section 3. This document does not certify the composition or transport status of a specific delivered batch or a different formulation.

2. Hazards Identification

Classification	Not classified as hazardous under the source OSHA/CLP assessment.
Signal word / symbols	No signal word assigned; No GHS pictogram in the selected reference
Hazard statements	No classified H-code assigned; concentrated liquid can irritate eyes and prolonged skin contact should be avoided.
Prevention	Use adequate ventilation; avoid inhaling mist. Prevent skin and eye contact. Wear suitable chemical-resistant gloves and eye protection. Wash after handling; keep food and drink out of the work area.
Response	After exposure, stop work and seek medical advice. For severe exposure obtain urgent medical care. Rinse contaminated skin or eyes with water; move an inhalation casualty to fresh air.
Environment	Prevent uncontrolled release to drains, soil or surface water. Collect spills for appropriate disposal.

3. Composition / Information on Ingredients

Reference ingredient	Aqueous sodium cocoyl glutamate, CAS 68187-32-6. Supply active matter 30±2%. Reference also lists disodium cocoyl glutamate and sodium chloride; delivered ingredient percentages are not inferred.
Supply grade	Active matter 30±2%
Applicability	The cited concentration or purity describes the reference material. It is not a certificate of analysis for the delivered batch; different solvents or dilutions require the matching supplier safety document.

4. First-Aid Measures

Inhalation	Move to fresh air and seek medical advice for symptoms.
Skin	Remove contaminated clothing and rinse thoroughly with water.
Eyes	Rinse gently with clean water for at least 15 minutes and obtain medical assessment.
Ingestion	Rinse the mouth. Do not induce vomiting; seek medical advice. Give nothing orally to an unconscious person.

5. Fire-Fighting Measures

Extinguishing media	Use water spray, foam, carbon dioxide or dry extinguishing powder for the surrounding fire.
Hazards	The aqueous reference is nonflammable. Heated residue can decompose and release carbon and nitrogen oxides.
Protection	Firefighters should use self-contained breathing apparatus and protective clothing; collect contaminated runoff.

6. Accidental Release Measures

Personnel	Isolate the spill and provide ventilation. Use chemical-resistant gloves and eye protection; avoid contact and mist exposure.
Environment	Contain the release and protect drains and waterways. Report significant environmental contamination to the responsible authority.
Cleanup	Stop the leak if safe. Absorb liquid with a compatible inert material and collect in closed labelled containers. Do not wash into drains.

7. Handling and Storage

Handling	Use ventilation, compatible chemical gloves, protective clothing and splash goggles. Avoid mist and eye contact; maintain an accessible eyewash station.
Storage	Store tightly closed in a cool, dry, ventilated place. Protect from contamination and separate from strong oxidizing agents and water-reactive materials.
Incompatibilities	Strong oxidizing agents and water-reactive materials.

8. Exposure Controls / Personal Protection

Exposure limits	No product-specific occupational exposure limit is established here. Control airborne dust and apply current local workplace exposure requirements.
Engineering controls	Use local extraction where mist can be generated. Maintain accessible eyewash and emergency washing facilities.
Personal protection	Wear chemical-resistant gloves selected for the task, suitable protective clothing and splash goggles. Add face protection for splash-prone tasks.
Respiratory protection	Use a properly selected respirator under a respiratory-protection program where engineering controls do not adequately limit airborne exposure.
Hygiene	Wash after handling, remove contaminated clothing promptly and do not eat, drink or smoke in the work area.

9. Physical and Chemical Properties

Appearance, supply	Transparent to slightly turbid liquid
Active matter, supply	30±2%
pH, 10% solution, supply	8–9.5
Additional properties	No unstated delivered-grade physicochemical values are inferred.

10. Stability and Reactivity

Stability	Handle and store under the recommended conditions. Prevent contamination and unnecessary heating.
Incompatibilities	Strong oxidizing agents and water-reactive materials.
Decomposition	Fire or severe heating can release irritating decomposition fumes; use appropriate respiratory protection.

11. Toxicological Information

Exposure effects	Control dust or mist exposure and obtain medical advice after significant exposure or persistent symptoms.
Reference classification	Not classified as hazardous under the source OSHA/CLP assessment.
Toxicological data	The reference reports low acute oral toxicity and negative sensitization/mutagenicity results. These are reference studies, not batch tests; eye irritation remains relevant.

12. Ecological Information

Environmental effects	The source describes ready biodegradation without a complete numerical aquatic dataset. Contain spills and prevent uncontrolled discharge.
Controls	Prevent uncontrolled release, collect spills and dispose of contaminated material through an authorized route.
Assessment	No product-specific PBT/vPvB assessment is claimed. Absence of data does not establish absence of environmental effects.

13. Disposal Considerations

Product	Collect surplus product and contaminated cleanup material for disposal by an authorized chemical-waste contractor in accordance with local requirements.
Packaging	Containers may retain product residues. Do not reuse contaminated packaging without an approved cleaning process; use an authorized disposal route.

14. Transport Information

Classification	Non-dangerous goods
UN number	Not assigned
Shipping name	Not regulated as dangerous goods
Class / packing group	ADR, IMDG and IATA: non-dangerous goods in the full Sino Lion aqueous reference. No UN number or transport class assigned.
Transport precautions	Protect packaging and closures from damage, secure loads and prevent releases. This reference is not a shipping declaration for a specific consignment.

15. Regulatory Information

Identity	Sodium Cocoyl Glutamate; CAS 68187-32-6; EC 269-087-2
HS reference	340239; reference heading rather than a destination customs ruling.
Compliance	Apply applicable workplace, environmental and transport rules. A raw-material listing does not establish finished-product authorization.
Assessment	No ZXCHEM-specific chemical safety assessment or destination registration is asserted.

16. Other Information

Hazard meanings	No classified H-code assigned; concentrated liquid can irritate eyes and prolonged skin contact should be avoided.
Limitations	Prepared as reference safety information for the identified material. It is not a batch analytical certificate or safety assessment of a different solvent-containing formulation.
Revision	2026.2; prepared 2026-10-06. Customer-document branding and title corrected; technical safety data retained.
Document scope	Reference safety information for the material and grade described in Sections 1 and 3. Different concentrations, solvents or formulations require the applicable safety information. This is not a batch analytical certificate.

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