

Material Safety Data Sheet

SECTION 1: Product and Supplier Identification

Product Name: Sodium Cocoyl Glycinate

INCI Name: Sodium Cocoyl Glycinate

CAS No.: 90387-74-9

Product Form: Liquid

Recommended Use: Cosmetic and personal-care surfactant

Classification: Anionic surfactant

Product identifier: Sodium Cocoyl Glycinate

Recommended use: Surfactant for shampoos, facial cleansers, body washes and other cosmetic formulations.

Restrictions on use: Not for ingestion. Not intended for direct application to skin or eyes as a raw material.

Origin: USA

Supplier: Botanic Planet Canada Inc.

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2. Hazard Identification

GHS Classification: Not classified as hazardous based on currently available information for the substance.

Signal word: None required.

Hazard pictograms: None required.

Potential effects: Direct contact with concentrated material may cause mild eye or skin irritation.

Avoid unnecessary exposure.

Precautionary measures:

Avoid contact with eyes.

Avoid prolonged or repeated skin contact.

Wash hands thoroughly after handling.

Wear suitable protective gloves and eye protection when handling bulk material.

3. Composition / Information on Ingredients

Component	CAS No.	Concentration (%)
Water	7732-18-5	68.0–72.0
Sodium Cocoyl Glycinate	90387-74-9	28.0–30.0
Sodium Chloride	7647-14-5	1.0–2.0

4. First-Aid Measures

Eye contact: Immediately rinse cautiously with plenty of clean water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.

Skin contact: Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if irritation develops or persists.

Inhalation: Move to fresh air. If symptoms occur, obtain medical attention.

Ingestion: Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical advice if significant quantities are swallowed or symptoms develop.

Most important symptoms: Temporary irritation, redness or discomfort may occur following direct contact.

5. Fire-Fighting Measures

Suitable extinguishing media: Water spray, foam, dry chemical or carbon dioxide.

Specific hazards: Product is not expected to be highly flammable. Thermal decomposition may produce irritating or harmful fumes.

Protective equipment: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus where necessary.

6. Accidental Release Measures

Personal precautions: Avoid contact with eyes and prolonged skin contact. Wear appropriate protective equipment.

Environmental precautions: Prevent large quantities from entering drains, waterways or soil.

Spill cleanup: Contain the spill. Absorb with suitable inert material and place in an appropriate container for disposal. Wash the affected area with water after removal.

7. Handling and Storage

Handling:

Handle in accordance with good industrial hygiene practices.

Avoid splashing into eyes.

Avoid prolonged contact with skin.

Keep containers closed when not in use.

Storage:

Store in a cool, dry and well-ventilated area.

Keep container tightly closed.
Protect from extreme temperatures and direct sunlight.
Prevent freezing where applicable.
Use suitable containers compatible with aqueous surfactant solutions.

8. Exposure Controls / Personal Protection

Occupational exposure limit: No specific exposure limit established for Sodium Cocoyl Glycinate.

Respiratory protection: Normally not required under normal handling conditions. Use appropriate protection if mist/aerosol is generated.

Hand protection: Protective gloves recommended for prolonged or repeated handling.

Eye protection: Safety glasses or chemical splash goggles when handling bulk quantities.

Skin protection: Normal protective work clothing.

Engineering controls: Adequate ventilation should be provided.

9. Physical and Chemical Properties

Property	Typical / Specification
Appearance	Colorless to light yellow liquid
Odor	No special odor
pH, 25°C	7.0–9.0
Active Substance Content	28.0–30.0%
Sodium Chloride Content	≤1.0%
Transmittance	≥90.0%
Hazen Color	≤50
Physical state	Liquid
Solubility	Soluble/dispersible in water
Flash point	Not determined
Relative density	Not determined
Actual values may vary by commercial grade.	

10. Stability and Reactivity

Stability: Stable under normal storage and handling conditions.

Conditions to avoid: Extreme heat, freezing, prolonged exposure to direct sunlight and incompatible materials.

Incompatible materials: Strong oxidizing agents and other materials known to react with surfactants.

Hazardous decomposition products: Carbon oxides, nitrogen oxides and other irritating fumes may be generated under thermal decomposition.

11. Toxicological Information

No specific toxicological data sufficient for complete hazard classification have been identified for the commercial liquid grade.

Likely routes of exposure: Skin contact, eye contact and accidental ingestion.

Eye contact: May cause temporary irritation.

Skin contact: Prolonged or repeated contact may cause irritation in sensitive individuals.

Ingestion: May cause gastrointestinal discomfort.

Carcinogenicity: No information indicating classification as a carcinogen is available for Sodium Cocoyl Glycinate.

12. Ecological Information

No comprehensive ecotoxicological data are available for the specific commercial formulation.

Avoid uncontrolled discharge of concentrated product into waterways.

13. Disposal Considerations

Dispose of material and contaminated packaging in accordance with applicable local, regional and national regulations.

Do not discharge concentrated product directly into drains or waterways.

14. Transport Information

UN Number: Not regulated as dangerous goods based on available information.

Proper Shipping Name: Sodium Cocoyl Glycinate

Transport Hazard Class: Not classified.

Packing Group: Not applicable.

Marine pollutant: Not determined / not expected to be classified.

Transport requirements should be confirmed for the actual commercial formulation and destination country.

15. Regulatory Information

Handle in accordance with all applicable regulations.

All waste must be handled in accordance with local disposal regulations.

The substance is identified as Sodium Cocoyl Glycinate, CAS 90387-74-9.

For cosmetic use, it is recognized as a cleansing surfactant and conditioning ingredient; Health Canada's ingredient database lists it under the chemical name Glycine, N-coco acyl derivs., sodium salts.

16. Other Information

INCI Name: Sodium Cocoyl Glycinate

CAS No.: 90387-74-9

Product: Liquid anionic surfactant

Intended application: Cosmetic/personal-care formulations



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