

Safety Data Sheet

1. IDENTIFICATION

Product Name:	Coco Betaine
INCI Name:	Coco Betaine
CAS#:	61789-40-0, 7732-18-5, 7647-14-5
Product Form:	Liquid
Product Use:	Cosmetic additives, surfactant
Distributor:	XI'AN AOGU BIOTECHCO.,LTD
Address:	Room 1703, Block B, Baode Yungu International, 52 Jinye 1st Road, Xi'an Hi-Tech Zone, Shaanxi Province 710075
Telephone:	0086-29-89121514 0086-18091843361
Website:	www.aogubio.com
Email:	felicia@imaherb.com

2. HAZARD(S) IDENTIFICATION

GHS Classification:	Skin Corrosion/Irritation – Category 2 ACUTE TOXICITY (dermal) – Category 4 WARNING
Signal Word:	
GHS Hazard Pictograms:	
GHS Hazard Statements:	Causes eye and skin irritation.
GHS Precautionary Statements:	P103: Read label before use. P102: Keep out of reach of children. P101: If medical advice is needed, have product container or label at hand. P280 + P264: Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling. P305 + P351 + P338 + P337 + P313: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
Potential Health Hazards:	Eyes: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.
NFPA Ratings (704):	Health 2 Moderate Flammability 0 Minimal Reactivity 0 Minimal Specific Hazard N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight %	Molecular Weight
Coco Betaine	61789-40-0	29-32%	No data available
Sodium Chloride	7647-14-5	8.0% MAX	No data available
Water	7732-18-5	QS 100%	No data available

4. FIRST-AID MEASURES

- Eyes:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses
- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Seek medical attention if necessary.
- Skin:** Flush skin with plenty of water. Remove contaminated clothing and shoes. Seek medical attention if necessary.
- Ingestion:** Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Contact a poison center or doctor if you feel unwell.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media:** Water spray, fog, CO₂, dry chemical, or alcohol resistant foam.
- Unsuitable extinguishing media:** Do not use a solid water stream as it may scatter and spread fire.
- Specific hazards arising from the chemical:** Fire may produce irritating, corrosive and/or toxic gases.
- Special protective equipment and precautions for firefighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
- Fire fighting instructions:** In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.
- Specific methods:** Use water spray to cool unopened containers.
- General fire hazards:** Static charges generated by emptying package in or near flammable vapor may cause flash fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective, equipment and emergency procedures:
(Methods and materials for containment and cleaning up)

Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Collect and dispose of spillage as indicated in section 13 of the SDS. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. The product is immiscible with water and will spread on the water surface. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions:

Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE

Precautions for safe handling:

Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities: Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release.
Store in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits:

This substance has no PEL, TLV, or other recommended exposure limit.

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls:

Use explosion-proof ventilation equipment to stay below exposure limits. Adequate ventilation should be provided so that exposure limits are not exceeded.


Individual protection measures, such as personal protective equipment

Eye/face protection: Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection: Chemical resistant gloves.

Other: Wear suitable protective clothing.

Respiratory protection: Respiratory protection not required. If ventilation is insufficient, respiratory suitable protection must be provided. 

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid
Odor:	Characteristic
Odor Threshold:	No data available
Color:	Clear, colorless
Molecular Weight:	No data available
pH:	6.5
Flash Point:	No data available
Boiling Point:	100°C (212°F)
Melting Point:	No data available
Relative Density:	1.03
Partition Coefficient: noctanol/water:	No data available
Viscosity:	No data available
Oxidizing Properties:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Evaporation Rate:	No data available
Flammability:	No data available
Upper/lower Explosive Limit:	No data available
Specific Gravity @ 25°C:	No data available
Solubility in Water:	No data available
Auto-Ignition Temperature:	No data available
Decomposition Temperature:	No data available
Explosive Properties:	No data available
Freezing Point:	No data available

10. STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	This product is stable
Hazardous Polymerization:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid:	No data available
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	No data available
Eyes:	No data available
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	No data available
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

13. DISPOSAL CONSIDERATIONS

Disposal instructions:	Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations. Not established.
Local disposal regulations:	
Hazardous waste code:	
Waste from residues / unused products:	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Transport	Transport	Hazard class	Packing group	UN number
Land	RID/ADR	Not Regulated	Not Regulated	Not Regulated
Maritime	IMDG			
Air	IATA/DGR			

15. REGULATORY INFORMATION

TSCA Inventory Status:	All components are listed or exempt.
DSCL (EEC):	No data available
WHMIS (Canada):	All components are listed or exempt.
EU EINECS/ELINCS/NLP:	Not determined
China IECSC:	No data available

16. OTHER INFORMATION

Disclaimer: XI'AN AOGU BIOTECHCO.,LTD cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, and disposal and should not be considered as a guarantee or quality specification. It is the sole responsibility of the individual(s) purchasing this product to assess its' safety in the final application. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of our knowledge. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.