

CERTIFICATE OF ANALYSIS & SAFETY DATA SHEET

PRODUCT: Babassuamidopropyl Hydroxysultaine

INCI: Babassuamidopropyl Hydroxysultaine

OTHER NAME: Cola®Teric BBS

COUNTRY OF ORIGIN: USA

USAGE: Cosmetic use only

Physical & chemical data / Specification

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance @ 25°C	clear liquid	Complies
Odor	odorless	Complies
pH (10% aqueous)	7.5 – 8.5	8.2
Color, Gardener '98	3 max	3
Color, Gardener BYK	Report	2.5
% Solids	48.0 – 50.0	49.3 %
% NaCl	7 max	6.3

COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N, N-dimethyl-3-sulfo, N-(C8-18(even numbered) acyl) Derivs., hydroxides, inner salts	68139-30-0	See note	30-60% *
Glycerin	56-81-5		5-10%

* The identity or exact percentage is withheld as a trade secret

Ingredient notes: Although CAS No. 68139-30-0 / EC No. 268-761-3 is an accurate descriptor, ECHA has determined this product registration falls under EC No. 939-455-3. Therefore, our REACH registration is under EC No. 939-455-3.

HAZARDS IDENTIFICATION

Physical hazards: Not Classified

Health hazards: Eye Dam. 1 - H318

Environmental hazards: Aquatic Chronic 2 - H411

Label elements - Hazard symbols



Signal word Danger

Hazard statements H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
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/ doctor.
P391 Collect spillage.
P501 Dispose of contents/ container in accordance with national regulations.

Other hazards

This product does not contain any substances classified as PBT or vPvB.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters - Occupational exposure limits

Glycerin

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

OSHA = Occupational Safety and Health Administration.

Exposure controls

Protective equipment



Appropriate engineering controls: Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection: Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand protection: No specific hand protection recommended.

Other skin and body protection: Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures: Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection: Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

Environmental exposure controls: Keep container tightly sealed when not in use.

FIRST AID MEASURES

Description of first aid measures

General information: Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.

Ingestion: Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.

Skin Contact: Rinse with water.

Eye contact: Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.

Protection of first aiders: First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: No specific symptoms known.

Ingestion: No specific symptoms known.

Skin contact: No specific symptoms known.

Eye contact: Irritating to eyes.

Indication of immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	yellow
Odor	Characteristic
Melting point	N/A
pH (as is)	7.9
Relative density	N/A
Solubility	Soluble in water
Volatility	50
Initial boiling point and range	>100°C/212°F
Partition coefficient	N/A
Auto-ignition temperature	N/A
Oxidizing properties	Does not meet criteria for classification as oxidizing
Surface Tension	N/A

HANDLING AND STORAGE

Precautions for safe handling

Usage precautions: Read and follow manufacturer's recommendations. Wear protective clothing. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists.

Advice on general occupational hygiene: Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions: Store away from incompatible materials (see Section 10). Keep only in the original container. Keep container tightly closed, in a cool, well-ventilated place. Keep containers upright. Protect containers from damage.

Storage class: Chemical storage.

FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards: Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products: Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

Advice for firefighters

Protective actions during firefighting: Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear protective clothing as described in Section Exposure control of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material.

Environmental precautions: Avoid discharge into drains or watercourses or onto the ground.

Methods for cleaning up: Wear protective clothing as described in Section Exposure control of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section Disposal consideration.

STABILITY AND REACTIVITY

Reactivity: See the other subsections of this section for further details.

Stability: Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

Possibility of hazardous reactions: No potentially hazardous reactions known.

Conditions to avoid: There are no known conditions that are likely to result in a hazardous situation.

Materials to avoid: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

Hazardous decomposition products: Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

TOXICOLOGICAL INFORMATION *based on available data

Toxicological effects: Not regarded as a health hazard under current legislation.

Acute toxicity – oral: Notes (oral LD50) Based on available data the classification criteria are not met.

Acute toxicity – dermal: Notes (dermal LD50) Based on available data the classification criteria are not met.

Acute toxicity – inhalation: Notes (inhalation LC50) Based on available data the classification criteria are not met.

Skin corrosion/irritation: Based on available data the classification criteria are not met.

Serious eye damage/irritation: Cause serious irritation

Respiratory sensitization: Based on available data the classification criteria are not met.

Skin sensitization: Based on available data the classification criteria are not met.

Germ cell mutagenicity/ Genotoxicity - in vitro: Based on available data the classification criteria are not met.

Carcinogenicity: Based on available data the classification criteria are not met.

IARC carcinogenicity: None of the ingredients are listed or exempt.

Reproductive toxicity – fertility: Based on available data the classification criteria are not met.

Reproductive toxicity -development: Based on available data the classification criteria are not met.

Specific target organ toxicity

STOT - single exposure: Not classified as a specific target organ toxicant after a single exposure.

STOT - repeated exposure: Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard: Based on available data the classification criteria are not met.

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: No specific symptoms known. Spray/mists may cause respiratory tract irritation.

Ingestion: No specific symptoms known. May cause discomfort if swallowed.

Skin Contact: No specific symptoms known. May cause discomfort.

Eye contact: Irritating to eyes.

Route of exposure: Ingestion Inhalation Skin and/or eye contact

Target Organs: No specific target organs known.

ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Toxicity: Based on available data the classification criteria are not met.

Persistence and degradability: The product is readily biodegradable.

Biodegradation: The product is readily biodegradable. This product meets the criteria for a surfactant under the EU Detergents Regulation (EC) 648/2004. Testing was performed on a substantially similar substance.

Bio-Accumulative: No data available on bioaccumulation.

Partition coefficient: Not determined

Mobility in soil: No data available.

Other adverse effects: None known.

DISPOSAL CONSIDERATIONS

Waste treatment methods

General information: The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods: Do not empty into drains.

TRANSPORT INFORMATION

General: This product may be consigned under the Limited Quantity or Excepted Quantity provisions.

Sea transport notes: Class 9: Limited quantity packaging is maximum 5 L or 5 kg. Excepted quantity package is maximum 30 ml or 30 g (inner) and 1000 g total.

Air transport notes: Class 9: Limited quantity packaging is maximum 5 L or 5 kg (inner) and 30 kg gross. Excepted quantity package is maximum 30 ml or 30 g (inner) and 1 kg gross. These limits apply to both passenger and cargo aircraft.

DOT transport notes: Class 9 Special Provision: Use of the Class 9 classification, including markings, is not required for domestic ground transportation in USA if the material does not meet the definition of a hazardous waste or hazardous substance as defined in 49 CFR 171.8, even though it is designated as environmentally hazardous by another Competent Authority. Ref: 49 CFR 172.102(c)(1)(Provision 146).

UN No. (TDG) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN No. (DOT) Not Regulated

UN proper shipping name

Proper shipping name (TDG): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Hydroxysultaine)

Proper shipping name (IMDG): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Hydroxysultaine)

Proper shipping name (ICAO): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Hydroxysultaine)

Transport hazard class(es)

TDG class 9
 TDG label(s) 9
 IMDG Class 9
 ICAO class/division 9
 Transport labels 

Packing group

TDG Packing Group III
 IMDG packing group III
 ICAO packing group III

Environmentally Hazardous Substance**Special precautions for user**

EmS F-A, S-F
 Transport in bulk according to: Not available
 Annex II of MARPOL 73/78 and the IBC Code

CANADIAN CLASSIFICATION

Canada inventory: All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR

OTHER INFORMATION**Abbreviations and acronyms used in the safety data sheet**

TDG: The transport of dangerous goods act
 IATA: International air transport association.
 ICAO: Technical instructions for the safe transport of dangerous goods by air.
 IMDG: International maritime dangerous goods.
 CAS: Chemical abstracts service.
 ATE: Acute toxicity estimate.
 LC₅₀: Lethal concentration to 50 % of a test population.
 LD₅₀: Lethal dose to 50% of a test population (median lethal dose).
 EC₅₀: 50% of maximal effective concentration.
 PBT: Persistent, bioaccumulative and toxic substance.
 vPvB: Very persistent and very bioaccumulative.

Classification abbreviations and acronyms: Eye Irrit. = Eye irritation

Training advice: Only trained personnel should use this material.

Issued by: Regulatory Affairs Department

Hazard statements in full: H318 Causes serious eye damage.
 H411 Toxic to aquatic life with long lasting effects.

Émis par _____

Online Boutique Director's

October 2022