

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

CAS Number: 61789-40-0
Product Name: Cocobetaine 35
Revision Date: Jul 31, 2020 **Date Printed:** Aug 04, 2020
Version: 1.0 **Supersedes Date:** N.A.
Manufacturer's Name: Thames River Chemical Corp.
Address: 5230 Harvester Road Burlington, ON, CA, L7L 4X4
Emergency Phone: CHEMTREC (800) 424-9300
Information Phone Number: 905-681-5353
Fax: 905-681-5377
Product/Recommended Uses: For laboratory or industrial use only.

SECTION 2) HAZARDS IDENTIFICATION

Classification

Acute aquatic toxicity - Category 1
Eye Irritation - Category 2A
Skin Irritation - Category 2

Pictograms



Signal Word

Warning

Hazard Statements - Health

Causes serious eye irritation
Causes skin irritation

Hazard Statements - Environmental

Very toxic to aquatic life

Precautionary Statements - General

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Precautionary Statements - Prevention

Avoid release to the environment.
Wash/Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

Collect spillage.

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 advice/attention.

IF ON SKIN: Wash with plenty of water and soap.

Specific treatment (see first-aid on the SDS).

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing. And wash it before reuse.

Precautionary Statements - Storage

No precautionary statement available.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/national/international regulation. Waste management should be in full compliance with national, regional and local laws.

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0061789-40-0	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts	42%

SECTION 4) FIRST-AID MEASURES

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Eye Contact

Immediately flush eyes with plenty of clean water for an extended time, not less than fifteen (15) minutes. Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion.

Remove contact lenses, if present and easy to do. Seek medical attention.

Skin Contact

In case of contact, immediately flush skin with plenty of water and soap. Remove contaminated clothing and shoes. Get medical aid if symptoms occur. Wash clothing and shoes before reuse.

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash contaminated clothing before re-use or discard.

Ingestion

Do not give anything to an unconscious person. If conscious wash mouth out and then give 1 – 2 glasses of water to drink Get medical aid.

Rinse mouth. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. Get medical attention.

SECTION 5) FIRE-FIGHTING MEASURES

5.2 Specific Hazards in Case of Fire

Containers may explode in fire.

Suitable Extinguishing Media

Do NOT direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.

Water spray or fog.
Foam.
Dry chemical powder.
BCF (where regulations permit). Large Fire: Water spray, fog or alcohol-resistant foam.

Unsuitable Extinguishing Media

Do not use water jet.

Specific Hazards in Case of Fire

Hazards arising from chemical: Oxides of carbon, oxides of nitrogen formed during combustion.

Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Move undamaged containers from immediate hazard area if it can be done safely.

Special Protective Actions

Wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

5.3 Advice for firefighters

Firefighters should wear NIOSH/MSHA approved self-contained, breathing apparatus and full protective clothing

Product will burn under fire conditions. Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Sweep up, place in a bag and hole for waste disposal, or take up and place in closed container.

Isolate hazard area and keep unauthorized personnel away. Stay uphill and/or upstream. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ventilate closed spaces before entering.

Recommended Equipment

Wear chemical protective clothing.

Personal Precautions

Avoid breathing vapor or mist. Avoid contact with skin, eye or clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up

Absorb Liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal.

Sweep up or scoop up material carefully, and then place into a suitable disposal container for disposal according to local regulations.

6.2 Environmental Precautions

Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

6.3 Methods and Materials for Containment and Cleaning up

Absorb with an inert absorbent. Sweep up and place in an appropriate closed container (see Section 7: Handling and Storage) Clean up residual material by washing area with water. Collect washing for disposal

SECTION 7) HANDLING AND STORAGE

General

Avoid breathing vapours, mist and gas.

Store in original container protected from physical damage in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 100°F.

Wash hands after use. Do not get in eyes, on skin or on clothing. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits.

Storage Room Requirements

Store in dry, cool areas, out of direct sunlight and away from other sources of heat. Store in original containers. Keep containers securely sealed.

Shelf life: Use within 24 months.

7.1 Precautions for safe handling

Avoid direct or prolonged contact with skin and eyes.

DO NOT ALLOW TO FREEZE. If freezing occurs, thaw and remix before using. Frozen material may be thawed in a warm room.

Avoid localized overheating. Vent drums while heating.

Mix thoroughly to assure homogeneity.

7.2 Conditions for safe storage, including any incompatibilities

SHIP AND STORE BETWEEN 10-50°C

Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from incompatible materials(see Section 10. Stability and Reactivity)

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

An emergency eye wash must be readily accessible to the work area.

Wear indirect-vent, impact and splash resistant goggles when working with liquids

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity.

Respiratory Protection

Where misting may occur, wear an MSHA/NIOSH approved (or equivalent) half-mask form dust/mist air-purifying respirator

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed. Check with respiratory protective equipment suppliers.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

8.2 Exposure Controls

Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles.

An emergency eye wash must be readily accessible to the work area.

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

Chemical Name	CANsmg	CANsppm	CANtmg	CANtppm	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA TWA (mg/m3)	OSHA TWA (ppm)
No applicable chemical	-	-	-	-	-	-	-	-

Chemical Name	OSHA Carcinogen	OSHA Tables (Z1, Z2, Z3)	OSHA Skin designation	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH TLV Basis
No applicable chemical	-	-	-	-	-	-	-	-

Chemical Name	ACGIH Carcinogen	ACGIH Notations
No applicable chemical	-	-

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	1.00 lb/gal
Specific Gravity	0.12
Appearance	Colorless to light yellow liquid
Odor Description	Odorless
Odor Threshold	N/A
pH	5.0 - 7.0
Melting/Freezing Point	N/A
Low Boiling Point	100 °C
High Boiling Point	N/A
Flash Point	>93.9 °C
Vapor Pressure	N/A
Vapor Density	N/A
Evaporation Rate	N/A
Upper Explosion Level	N/A
Lower Explosion Level	N/A
Water Solubility	Soluble in water
Coefficient Water/Oil	N/A
Viscosity	N/A

SECTION 10) STABILITY AND REACTIVITY

Reactivity

Stable under normal storage and handling conditions.

Stability

Stable under normal storage and handling conditions.

Conditions to Avoid

Avoid contact with strong acids, bases, and oxidizing agents.

10.2 Chemical Stability

Stable under normal storage and handling conditions.

Hazardous Reactions/Polymerization

Hazardous polymerization will not occur.

10.3 Possibility of Hazardous Reactions

Minimal. Hazardous polymerization will not occur.

Incompatible Materials

Strong oxidizing agents

10.4 Conditions To Avoid

Avoid heat, sparks, flame, high temperature and contact with incompatible materials.

Avoid contact with acids and oxidizing materials.

Hazardous Decomposition Products

No data available.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely Route of Exposure

Inhalation, ingestion, skin absorption

Acute Toxicity

Eye- eye irritation,, rabbit. Moderately irritating. Skin- skin irritation, rabbit. Slightly irritating. Oral LD50(rat)=>5000

Information on toxicological effects

Not listed as carcinogenic according to IARC, NTP or OSHA.

Testing has shown this product to be non-mutagenic (Ames test)

Carcinogenicity

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Not listed as carcinogen.

Specific Target Organ Toxicity - Repeated Exposure

No data available.

Specific Target Organ Toxicity - Single Exposure

No data available.

SECTION 12) ECOLOGICAL INFORMATION

Persistence and degradability

This product is biodegradable

Mobility in Soil

No data available.

Bioaccumulative potential

93% (29d) Method: OECD 301D The product is readily biodegradable according to OECD criteria

SECTION 13) DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste management should be in full compliance with federal, state and local laws.

Waste Disposal

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, provincial and local laws.

SECTION 14) TRANSPORT INFORMATION

Transport Canada Information

UN number: Not Regulated

Hazard class: N/A

Proper shipping name: N/A

Packaging group: N/A

U.S. DOT Information

UN number: Not Regulated

Hazard class: N/A

Proper shipping name: N/A

Packaging group: N/A

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0061789-40-0	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts	42%	DSL,TSCA,EU_EC_Inventory

SECTION 16) OTHER INFORMATION

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CANsmg or CANspmm - Canadian Short Term Exposure Level in mg/L or in ppm; CANTmg or CANTppm - Canadian Time Weighted Average in mg/L or in ppm; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center(US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

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