

FICHA TÉCNICA

Betaína de Coco

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- a. Product name : MITAINE CA(S)
- b. Recommended use of the chemical and restrictions on use : Shampoo, Detergent
- c. Information on manufacture/supplier/distributor
 - . Company name :
 - . Address :
- d. Emergency telephone

2. HAZARDS IDENTIFICATION

- a. Hazard classification
 - Serious Eye Damage / Irritation Hazard Category 1
 - Chronic hazards to the aquatic environment 3
- b. Label elements including precautionary statements
 - . Pictograms



- . Signal words : DANGER
 - . Hazard statements
 - H318 Causes serious eye damage.
 - H412 Harmful to aquatic life with long effects.
 - . Precautionary statements
- Prevention
- P273 Avoid release to the environment.
 - P280 Wear protective gloves/protective clothing/eye protection/face protection
- Response



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 or doctor/physician

Storage

Not applicable

Disposal

P501 Dispose of contents/container to in accordance with local/regional/national/international regulations (to be specified).

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	CONTENTS(%)
Coconut oil amidopropyl betaine		
61789-40-029 ~ 31Sodium chloride7647-14-54 ~ 6		
Water 7732-18-5 64 ~ 66		

4. FIRST AID MEASURES

a. Eye contact

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

b. Skin contact

Rinse with running water.

c. Inhalation

Not specifically applicable.

d. Ingestion

Rinse the mouth. Drink 1-2 glasses of water.

e. Most Important acute and delayed symptoms/effects

Not assigned.

f. First aid and notes for physicians

Treat symptomatically. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

a. Suitable (and unsuitable) extinguishing media

Carbon dioxide, dry chemical, water spray.

b. Specific hazards arising from the chemical (e.g. hazardous combustion products)

Oxides of carbon will form upon combustion.

c. Special protective equipment and precautions for fire-fighters

Move container from fire area if you can do it without risk.

Use water to cool containers exposed to fire and excessive heat.

Isolate the area, particularly around the edge of storage vessels.

For large fires, use unmanned hose holders or monitor nozzles.

If impossible to extinguish fire, withdraw from area and allow fire to burn.

Use agents suitable for type of surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

a. Measures required for personal and protective equipment

Avoid contact with skin and eyes.

b. Measures required for environment protection

Do not allow large amounts to be released into the sewer system.

c. Clean-up and removal method

Remove with liquid-absorbing material (sand, peat, sawdust).

7. HANDLING AND STORAGE

a. Precautions for safe handling

Technical measures: Does not require any specific or particular measures

b. Conditions for safe storage (including incompatibilities)

Keep container tightly sealed.

Store frost-free.

Temperatures between 0 °C and + 40 °C

8. EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

a. Exposure limits of the chemical substance, biological exposure limits and etc.

Not available

b. Appropriate engineering controls

No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.

c. Personal protective equipment

. Protection of respiratory system

Not necessary.

. Eye protection

Wear tightly fitting goggles.

. Hand protection

Suitable are protective gloves with the following specification.

The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately.

Nitrile / 0,1 mm / Level 3 > 60 min. In case of full contact

. Body protection

Wear appropriate(impermeable) chemical resistant clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

a. Appearance	Liquid
b. Odor	Slight odor
c. Odor threshold	No data
d. pH	4.5 - 5.5(5% aq sol'n)
e. Melting point/freezing point	No data
f. Initial boiling point/boiling range	No data
g. Flash Point	No data
h. Evaporation rate	No data
i. Flammability(solid,gas)	No data
j. Upper/lower flammable or explosive limits	No data
k.Vapor Pressure	No data
l. Solubility	Soluble in water
m. Vapor Density	No data
n. Specific gravity	1.045-1.055
o. Partition coefficient/n-octanol/water	No data
p. Auto-ignition temperature	No data
q. Decomposition Temperature	No data

r. Viscosity

No data

10. STABILITY AND REACTIVITY

a. Chemical stability

This material is stable under recommended storage and handling conditions.

b. Possibility of hazardous reactions

No hazardous reactions under recommended storage and handling conditions.

c. Conditions to avoid

Avoid heat, flames, sparks and other sources of ignition.

d. Incompatible materials

Oxidizing materials

e. Hazardous decomposition products

Thermal decomposition may produce oxides of carbon, nitrogen and sulfur.

11. TOXICOLOGICAL INFORMATION

a. Information on the likely routes of exposure

. Respiratory system : No data

. Oral : No data

. Eye : No data

. Skin : No data

b. Delayed and immediate effects and chronic effects form short or long term exposure

. Acute toxicity(All routes of possible exposure shall be mentioned.)

Oral (LD50) : 2,335 mg/kg (rat)

Skin (LD50) : >2,000 mg/kg (rat)

Inhalation (LC50) : No data

. Skin corrosion/irritation : No data

. Serious eye damage/ eye irritation : serious irritation

. Respiratory sensitization : No data

. Skin sensitization : No data

. Carcinogenicity : No data

. Germ cell mutagenicity : No data

. Reproductive toxicity : No data

. Specific target organ toxicity (single exposure) : No data

. Specific target organ toxicity (repeated exposure) : No data

. Aspiration hazard : No data

No data Numeric measure of toxicity(acute toxicity estimation) :

12. EFFECTS ON THE ENVIRONMENT

a. Aquatic and terrestrial ecotoxicity

Fish : 96h-LC50: 1.11 mg/L

Daphnia : 48h-EC50: 50 mg/L (based on solid content)

Algae : Not available

b. Persistence and degradability

Persistence : No data

Degradability : 87.2% biodegradation after 28 d

c. Bioaccumulation

Not available

d. Mobility in Soil : Not available

e. Other adverse effects : Not available

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable federal, state and local laws and regulations.

14. TRANSPORT INFORMATION

UN Number Not applicable

Proper Shipping Name Not applicable

Transportation Class Not applicable

Packing Group Not applicable

Marine Pollutant Not applicable

Follow all regulations in your country or region.

15. REGULATORY INFORMATION

Inventory Information

Australia(AICS)

Listed

China(IECSC)

Listed

Canada(DSL)

Listed

Europe(EINECS)

Listed

Japan(ENCS)

Listed



Korea(ECL) Listed
New zealand(ERMA) Listed
USA(TSCA) Listed

16. OTHER INFORMATION

b. The first date of preparation :

c. Number of revision times and the latest revision date

. Revision times : 3

. The latest revision date : Aug. 01, 2014

d. Others

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