



Material Safety Data Sheet
Cocoamidopropyl Betaine (C.A.B)

Page 1 of 4

1. Identification of the product and of the company

Identification of the product:
Cocoamidopropyl Betaine
Chemical formula: $C_{19}H_{38}N_2O_3$

Company/undertaking identification:
IRAN CHEMICALS & PETROCHEMICALS Ind.'s Co.
No. ۱۰, Niknam St., Shamse Tabrizi St., Mirdamad Ave., Tehran 1919914143 IRAN
Tel. +98 (21) 22902969
Fax +98 (21) 22923287

2. Composition/information on ingredients

Cocoamidopropyl Betaine
CAS# 61789-40-0
30±1% active substance in water

3. Hazards identification of the product

Xi Irritant
R 36/38: Irritating to eyes and skin

4. First aid measures

In case of discomfort, consult a physician.

after inhalation:
not relevant

after skin contact:
Wash exposed areas of the body with plenty of water.

after eye contact:
Immediately flush eyes with copious amounts of running water (for 20 minutes), see an oculist.

after ingestion:
Rinse out mouth, drink 1-2 glasses of water. If gastrointestinal symptoms develop, consult medical personnel.

5. Fire-fighting measures

Flash Point: 94 °C

Suitable extinguishing media:
foam, extinguishing powder, carbon dioxide, water spray jet,
high pressure waterjet



Material Safety Data Sheet
Cocoamidopropyl Betaine (C.A.B)

Page 2 of 4

Special exposure hazards arising from the product itself, from combustion products or from resulting gases: none known

6. Accidental release measures

Personal precautions:
Avoid contact with skin and eyes.

Environmental precautions:
Do not allow to flow into drainage system.

Methods of cleaning up/of removing:
Remove with liquid-absorbing material (sand, peat, sawdust).

7. Handling and storage

Handling:
no special measures required

Storage:
keep container tightly sealed and store in a frost free place. Store away from heat, foodstuff and oxidising agents (such as chlorates, nitrates).

8. Exposure controls / personal protection

Information on the system design:
No special measures required

Components with specific control parameters: none

Personal protection:
Hand protection: suitable protective gloves
Eye protection: protective goggles

9. Physical and chemical properties

Physical state: low viscous liquid
Colour: pale yellow transparent
Odour: odourless
Character: Amphoteric
pH: (100% at 20°C) 4.5 – 5.5
Active matter: 30±1%
Flash point: 94 °C
Specific Gravity: 1.043 g/ml at 25 °C

Solubility: soluble in water



Material Safety Data Sheet
Cocoamidopropyl Betaine (C.A.B)

Page 3 of 4

Water %: 63-67%
Sodium chloride:4.5-5.5%

10. Stability and reactivity

Conditions to avoid:
none known

Materials to avoid:
Incompatible with strong, concentrated oxidizing agents.

Hazardous decomposition products:
none known

11. Toxicological information

Mutagenicity: none known

Ingestion:
Acute oral toxicity: LD50 >5 g/kg (rat)
Product may cause gastrointestinal irritation like diarrhoea, abdominal cramps, and nausea.

Skin contact:
Primary skin irritation : irritating

Eye contact:
Primary eye irritation: irritating

12. Ecological information

Persistence and degradability:
None known.

aquatic toxicity:
Do not allow to flow into rivers, lakes and seas.

13. Disposal considerations

waste incineration with the approval of the responsible local authority.

14. Transport information

Not a hazardous material.



Material Safety Data Sheet
Cocoamidopropyl Betaine (C.A.B)

Page 4 of 4

15. Regulatory information

Classification and labelling according to GefStoffV:

Symbols of danger:

Xi Irritant

R-phrases:

R 36/38: Irritating to eyes and skin

S-phrases:

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 28: After contact with skin, wash immediately with plenty of water

S 37: Wear suitable gloves.

16. Other information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.