

Material Safety Data Sheet

MSDS Version No.: 002

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1. CHEMICAL PRODUCT AND COMPANY

IDENTIFICATION Chemical name: Cocoamido propyl betaine

Commercial name: CAB-35

Chemical family: Amphoteric surfactant

Manufacturer:

Nanjing Chemical Material Corp.

No.5 New Model Rd, Nanjing, 210009, China

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2. COMPOSITION

Cocoamido propyl betaine: 35%

Water: 65%

Free monochloroacetic acid: Max.100ppm

3. HAZARDS IDENTIFICATION

Physical/chemical hazards : Not applicable.

Environmental hazards : Not applicable.

Effect(s) of (over)exposure : Irritating to eyes and respiratory tract at exposure above Treshold Limit Value.

Symptom(s) of (over)exposure

Inhalation : Sore throat, coughing.

Ingestion : may result in abdominal pain.

Skin contact : No irritating .

Eye contact : Slightly irritating.

4. FIRST AID MEASURES

Ingestion : Wash out stomach with water, if possible, rinse out mouth and use one or two classes of water or milk to drink. Consult a doctor.

Inhalation : Remove victim to fresh air. Consult a doctor.

Skin contact : Wash off with water and soap.

Eye contact : Wash out with plenty of water. Consult a doctor.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water or CO₂

Special Fire and Procedures: None

Degree of Fire Explosion Hazard:None

Unusual fire and explosion hazards : Decomposition at temperatures above 250°C.

Hazardous thermal decomposition and combustion products : Above 550°C: no hydrogen cyanide.

Protection of firefighters : Self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use appropriate protective clothing and equipment.

Environmental precautions: Collect spilled material in sealable containers.

Methods for cleaning up : Forward for disposal.

Remarks : Prevent dispersion of dust.

7. HANDLING AND STORAGE

Handling : Take the usual precautions.

Storage : Store away from highly flammable substances. Keep in a dry place.

Packaging materials: PP/PE bags

Other requirements : Prevent dispersion of dust.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures : Ventilation recommended to minimize dust exposure.

Hygienic measures : When using do not eat, drink or smoke.

Personal protection:

Respiratory system : Dust mask.

Hands : PVC coated gloves.

Eyes : Safety goggles.

Other exposure limits : According to Treshold Limit Value of nuisance dust: 10 mg/m³ total dust, 5 mg/m³ respirable dust.

Recommended monitoring procedures : Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Light yellow transparent liquid

Colour : color(APHA)<200

Odour : fragrance smell

Boiling point : 100°C

Melting point : 0°C

Decomposition temperature : Decomposition at temperatures above 250°C

Solubility in water : solubility completely

Vapour pressure : Not applicable

pH : 4.5-5.5 (saturated sol., 22°C)

Flash point : Not applicable

Lower explosion limit : Not applicable
Upper explosion limit : Not applicable
Specific gravity at 25°C: 1.35-1.45g/cm³

10. STABILITY AND REACTIVITY

Stability : Stable under normal storage conditions.

Conditions to avoid : Avoid temperatures above 100°C.

Materials to avoid : Not applicable.

Hazardous decomposition products : None (normal conditions).

Hazardous Decomposition : Will not occur (normal conditions).

11. TOXICOLOGICAL INFORMATION

Acute toxicity (Oral) : LD50 rat: expected > 2000 mg/kg

Eye irritation : Slightly irritating.

Skin irritation : Very slightly irritating.

Sensitization : Not sensitizing.

12. ECOLOGICAL INFORMATION

Mobility : May adsorb to soil.

Bioaccumulative potential : Log P < 0. Therefore no bioaccumulation potential.

Ecotoxicity : 96 h LC50 (for fish): expected > 100 mg/l 48 h LC50 (for Daphnia): expected > 100 mg/l

12. DISPOSAL CONSIDERATIONS

Responsibility of the receiver to have knowledge of national and local regulations.

Methods of disposal : Disposal according to the local legislation.

13. TRANSPORT INFORMATION

Land - Road/Railway : Not restricted.

Inland waterways : Not restricted.

Sea : Not restricted.

Air : Not restricted.

14. REGULATORY INFORMATION

Responsibility of the receiver to have knowledge of national and local regulations.

EC Classification

Label name : Not classified as a dangerous substance according to EC criteria.

Hazard symbol : None.

Risk phrases : None.

Safety phrases : None.

National regulations

Listed on TSCA-inventory : Yes. **Listed on Non - DSL-inventory** : Yes. **Listed on AICS-inventory** : Unknown.

Listed on MITI-inventory : On existing chemicals list.

15. OTHER INFORMATION

All the above information has been compiled from sources considered to be reliable and is accurate to the best of our knowledge. However, we can not assume any responsibility therefore nor for performance nor for results obtained through the use of the products or information involved, nor for any damages that may be caused by or to the products or information. In this respect the buyer is obliged to check the quality and all other properties of the products. The buyer assumes all responsibilities connected with the use of the products and information. No liability is assumed for infringement of trademarks, patents or any other rights owned or controlled by third parties by reason of your manufacture, formulation, use or sale of the products and information.

