

Material Safety Data Sheet



PRODUCT NAME: COCOAMIDOPROPYL BETAINE SB (CAPB SB)

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: COCOAMIDOPROPYL BETAINE SB (CAPB SB)

DATE: April 19, 2011

DISTRIBUTOR: ACME-HARDESTY COMPANY

ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422

TELEPHONE: (866) 226 – 3834

FAX: (215) 591 – 3620

EMERGENCY: CHEMTREC (800) 424-9300

COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION	CAS#	%	EC SYMBOL	EC R-PHRASES
Water	7732-18-5	63 – 67		
Cocoamidopropyl Betaine	61789-40-0	29 – 31	Xi, Xn	R22/36
Sodium Chloride	7647-14-5	4 – 6		
Glycerine	56-81-5	< 3	N/A	N/A
Sodium Benzoate (SB) (Contains < 1%)	532-32-1	< 1		R20/21/22; R36/38; R63

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

OVERVIEW: Moderately irritating to the eyes.
Contact with skin may cause irritation
May cause irritation to respiratory tract

POTENTIAL HEALTH EFFECTS:

EYES: Moderately irritating to eyes
SKIN: May cause irritation
INHALATION: Inhalation of vapors or mists may be irritating to the respiratory system
INGESTION: Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea and diarrhea

HAZARD SYMBOLS: Xi: Irritant
Xn: Harmful
R PHRASES: R22: Harmful if swallowed
R36: Irritating to eyes
S PHRASES: S26: In case of eye contact, rinse immediately with plenty of water and seek medical attention.

FIRST AID MEASURES

PROCEDURE:

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes
If irritation persists, seek medical attention

SKIN CONTACT: Flush with large amounts of water.
Immediately take off all contaminated clothing
If irritation persists, seek medical attention
Wash clothing separately before reuse

INHALATION: If symptoms are experienced, remove source of contamination or move victim to fresh air
If affected person is not breathing, perform artificial respiration
If symptoms persist, seek medical attention.
If breathing is difficult, give oxygen and seek medical attention immediately

INGESTION: If ingestion of a large amount occurs, seek medical attention
Do not induce vomiting

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

SUITABLE: Water fog
Foam
Dry chemical powder
Carbon dioxide (CO₂)

FIRE FIGHTING PROTECTION: Wear protective equipment and self-contained breathing apparatus-demand
MSHA/NIOSH (approved or equivalent) and full protective gear.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Isolate area
Keep unnecessary personnel away
Stay upwind
Keep out of low areas
Ventilate closed spaces before entering

ENVIRONMENTAL PRECAUTIONS:

Prevent further leakage or spillage if safe to do so

CONTAINMENT METHODS:

Prevent entry into waterways, sewers, basements or confined areas

CLEAN-UP METHODS:

Wear appropriate protective equipment and clothing during clean-up

SAMLL SPILS:

Use a non-combustible material like vermiculite, sand or earth to soak up the product
Place into a container for later disposal

HANDLING AND STORAGE

HANDLING:

Avoid contact with eyes and skin
Wash hands thoroughly after handling

STORAGE:

Store in a cool, well-ventilated place
Keep temperatures between 10°C – 50°C (50°F – 122°F)

EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Use general ventilation Local exhaust is suggested for use, where possible, in enclosed or confined spaces
PERSONAL PROTECTION:	
GENERAL:	Eye wash, fountain and emergency showers are recommended
EYES/FACE:	Wear chemical goggles Face shield
SKIN:	Wear suitable protective clothing Use impervious gloves
RESPIRATORY:	If ventilation is not sufficient to effectively prevent build-up of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
FORM:	Liquid
pH:	5.0 – 7.0
BOILING POINT, °C:	100°C / 212°F (PMCC)
FREEZING POINT, °C:	-10°C (14°F)
FLASH POINT, °C:	> 93.9°C (> 201°F)
EVAPORATION RATE:	Estimate slower than ethyl ether
AUTO-IGNITION TEMPERATURE:	Not applicable
LOWER EXPLOSION LIMIT:	Not applicable
UPPER EXPLOSION LIMIT:	Not applicable
VAPOR PRESSURE:	Not determined or unknown
VAPOR DENSITY:	Estimate heavier than air
SPECIFIC GRAVITY:	1.0456 g/ml
RVOC, %:	0
POUR POINT:	-7°C (19.4°F)
VISCOSITY:	13 cps @ 25°C
VOLATILE, %	63 – 67

STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable at normal conditions
INCOMPATIBLE MATERIAL:	Strong oxidizing agents May react with strong alkalis
HAZARDOUS DECOMPOSITION PRODUCTS:	Upon decomposition, product may yield oxides of nitrogen and ammonia, carbon dioxide
HAZARDOUS REACTION POSSIBILITY:	Will not occur

TOXICOLOGICAL INFORMATION

PRODUCT	TEST RESULTS
Cocoamidopropyl Betaine SB	Acute oral LD50 Rat: 5000 – 1500 mg/kg

* Estimates for product may be based on additional component data not shown

CARCINOGENICITY: Not considered to be a carcinogen per IARC, ACGIH, NTP or OSHA

MUTAGENICITY: Not mutagenic in Ames Test

ECOLOGICAL INFORMATION

Not available

DISPOSAL CONSIDERATIONS

METHODS OF DISPOSAL: In accordance with local, federal and state environmental regulations
Regulations may vary

TRANSPORT INFORMATION

Refer to bill of lading or container label for DOT or other transport hazard classification.

UN #:	Not applicable
LAND ROAD / RAILWAY:	
ADR/RID CLASS:	Chemicals N.O.S. (non-regulated)
ADR/RID ITEM#:	Chemicals N.O.S. (non-regulated)
INLAND WATERWAYS:	
ADNR CLASS:	Chemicals N.O.S. (non-regulated)
SEA:	
IMDG CLASS:	Chemicals N.O.S. (non-regulated)
IMDG PAGE#:	Chemicals N.O.S. (non-regulated)
AIR:	
IATA-DGR CLASS:	Chemicals N.O.S. (non-regulated)
NATIONAL TRANSPORT REGULATIONS:	Chemicals N.O.S. (non-regulated)

REGULATORY INFORMATION

Product is listed on the following inventories:

TSCA (Toxic Substances Control Act):	USA
AICS (Australia Inventory of chemical Substances):	Australia
DSL (Domestic Substances List):	Canada
IECSC (Inventory of Existing Chemical Substances):	China
EINECS/ELINCS (EU Consolidated Inventories):	European Union
EINECS (European Inventory of Existing Commercial Substances):	European Union
ENCS (Inventory of Existing & New Chemical Substances):	Japan
KECI (Korea Existing Chemicals Inventory):	Korea
NZIoC (New Zealand Inventory of Chemical):	New Zealand
PICCS (Philippines Inventory of chemicals and Chemical Substances):	Philippines

REPORTABLE QUANTITY: There is no calculable reportable quantity (RQ) for this product

CERCLA (Superfund) REPORTABLE QUANTITY: None

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Section 302 Extremely Hazardous Substance:	No
Section 311 Hazardous Chemical:	No

U.S. Pennsylvania RTK Hazardous Substances: Glycerine (CAS# 56-81-5) Listed

EC REGULATIONS: Not available
EC CLASSIFICATION: Not available
LABEL NAME: Cocoamidopropyl Betaine (CAPB)

HAZARD SYMBOLS: Xi: Irritant
Xn: Harmful

R-PHRASES: R22: Harmful if swallowed
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OTHER INFORMATION

HMIS RATING: Health: 1
Flammability: 1
Reactivity: 0
Personal Protection: B

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.