

## **MATERIAL SAFETY DATA SHEET**

### **\*\*\*\* SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION \*\*\*\***

MSDS Name: **COCO AMIDOPROPYL BETAINE**

### **\*\*\*\* SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\***

CAS# 61789-40-0

Chemical Name: COCO AMIDOPROPYL BETAINE

Hazardous: No

Hazard Symbols: Xn

Risk Phrases: 22-36/37/38

### **\*\*\*\* SECTION 3 - HAZARDS IDENTIFICATION \*\*\*\***

#### **EMERGENCY OVERVIEW**

Appearance: Pale yellow Viscous Liquid with characteristic odour.

Target Organs: None.

Potential Health Effects

Eye: Contact with eyes may cause irritation.

Skin: May cause irritation.

Ingestion: May cause irritation and discomfort.

Inhalation: No Harmful effect have been reported

### **\*\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*\***

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.

Skin: Immediately flush skin with plenty of soap and water for at least 15 minutes.

Ingestion: Induce vomiting as directed by medical personnel. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician: Treat symptomatically and supportively.

### **\*\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*\***

General Information: As in any fire, wear a self-contained breathing apparatus in

pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: In case of fire use water spray, dry chemical, carbon dioxide, or chemical foam. Use agent most appropriate to extinguish fire.

Auto ignition Temperature: Not applicable.

Flash Point: Not applicable.

NFPA Rating: Not published.

Explosion Limits, Lower: Not available.

Upper: Not available.

#### \*\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\*\*

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material after adding sand or saw dust and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section.

#### \*\*\*\* SECTION 7 - HANDLING and STORAGE \*\*\*\*

Handling: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse. Do not get on skin or in eyes. Do not ingest.

Storage: Store in a cool, dry place. Do not store in direct sunlight. Store in a tightly closed container. Do not store with or close to oxidizers.

#### \*\*\*\* SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION \*\*\*\*

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

Chemical Name: COCOAMIDOPROPYL BETAINE

ACGIH – none listed

NIOSH – none listed

OSHA - Final PELs – none listed

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or

European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure. Clothing: Wear appropriate protective clothing to prevent skin exposure. Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

\*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\*

Physical State: Pale Yellow Liquid

Appearance: Clear Liquid

Odor: Peculiar.

pH: 5 To 7.

Specific Gravity: 1.04

Vapor Density: Heavier than air.

Evaporation Rate: Not available.

Viscosity: 100 to 400 cps at 28 DEG. C

Boiling Point: > 200 DEG. C

Decomposition Temperature: Not available.

Solubility: Soluble in water.

Flash Point : > 100 DEG. C

\*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\*

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Conditions to Avoid: Incompatible materials.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Oxides of sulphur and carbon

Hazardous Polymerization: Has not been reported

\*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\*

EINECS #: 205-388-7

CAS# : 139-96-8

LD50/LC50: > 2000 mg /kg. Body Wet.

Carcinogenicity: Data Not Available

Epidemiology: Tumorigenic: No Information Available  
Teratogenicity: No information available.

Reproductive Effects: No information available.

Neurotoxicity: No information available.

Mutagenicity: No information available.

Other Studies: No data available.

\*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\*

Ecotoxicity: Not available.

Environmental Fate: Not available.  
Physical/ Chemical: Not available.  
Other: Not available.

\*\*\*\* SECTION 13 - DISPOSAL CONSIDERATIONS \*\*\*\*

Dispose of in a manner consistent with federal, state, and local regulations.

RCRA D-Series Maximum Concentration of Contaminants: None listed.

RCRA D-Series Chronic Toxicity Reference Levels: None listed.  
RCRA F-Series: None listed.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Not listed as a material banned from land disposal according to RCRA

\*\*\*\* SECTION 14 - TRANSPORT INFORMATION \*\*\*\*

US DOT

Not restricted by DOT. Use product identifier, 'Trade Name' with technical name below

IMO

Not restricted. Use product identifier, 'Trade Name' with technical name below  
IATA

Not restricted. Use product identifier, 'Trade Name' with technical name below  
RID/ADR

Not regulated. Use product identifier, 'Trade Name' with technical name below  
Canadian TDG

Not restricted. Use product identifier, 'Trade Name' with technical name below

\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\*

US FEDERAL

TSCA

CAS# is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

SARA Section 311/312

**Fire: No Pressure Generation: No Reactivity: No Acute: No Chronic: No**

Section 313

Not applicable.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xn

Risk Phrases:

R 36/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 24-25 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 26 Wear suitable gloves and eye/face protection.

S28 After contact with skin, wash immediately with plenty of soap and water

EEC Irritant – “Xi”

\*\*\*\* SECTION 16 - ADDITIONAL INFORMATION \*\*\*\*

MSDS Creation Date: 12/02/2000 Revision #1 Date: 26/2/2002

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

Users should make their own investigations to determine the suitability of the information for their particular purposes.

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