



MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: COCODIETHANOLAMIDE

Company: Recochem Inc. ABN: 69 010 485 999
Address : 1809 Lytton Road, Lytton, Queensland 4178
Phone: (07) 3308 5200 Fax: (07) 3308 5201
Emergency Telephone Number: (07) 3308 5200 Day, After Hours 1300 131 001

Other Names: CD80
Manufacturer's Product Code: 21012
Recommended Use: Nonionic surfactant used in shampoo, liquid detergents

SECTION 2 HAZARDS IDENTIFICATION

**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA
NOT A DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE**

Symbols: Xi
Risk Phrases: R36 - Irritating to eyes.
Safety Phrases: S2 Keep out of the reach of children
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection
S46 If swallowed, seek medical advice immediately and show this container or label.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Composition	CAS Number	Proportion (%)
<i>Chemical Entity</i>		
Fatty acid diethanolamide	68603-42-9	>80
Diethanolamine	111-42-2	<10
Glycerol	56-81-5	<10

SECTION 4 FIRST AID MEASURES

FIRST AID TREATMENT

Swallowed: If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment.
Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical attention
Skin: If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention
Inhaled: Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

First Aid facilities: Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor: Treat symptomatically.

Additional Information: None available.

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: For a small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray, fog or foam. Do not use water in a jet.

Product: COCODIETHANOLAMIDE

Hazards from combustion products: When heated to decomposition, may emit oxides of carbon and nitrogen. May also mit ammonia

Precautions for Fire Fighters and Special Protective Equipment: Wear full protective clothing and self-contained breathing apparatus.

Additional Information: No additional remark

SECTION 6 ACCIDENTAL RELEASE MEASURES

Observe all local and national regulations

Spills and Disposal, Methods and Materials for Containment and Clean Up Procedures: For small spills, use appropriate tools to put spilled material in a convenient waste disposal container. For large spills, use appropriate instruments to put the spilled material in a waste disposal container. Dispose of in accordance with regional regulations. Surface will be slippery after spillage.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling and Storage: Avoid contact with eyes, skin and clothing. DO NOT ingest. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Do not store near strong oxidants.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: National Occupational Health & Safety Commission (NOHSC) Worksafe Australia has set an exposure standard 13mg/m³ (3ppm) TWA (8hr) for diethanolamine.

Biological Limit Values: No biological limit allocated

Personal Protective Equipment:

Respiratory Protection: Wear appropriate respirator when ventilation is inadequate.

Hand Protection: Use solvent resistant gloves. Nitrile, PVC or neoprene.

Eye Protection: Wear safety Goggles.

Protective Clothing: No special protection is ordinarily required beyond standard issue work clothes.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

SECTION 9 IDENTIFICATION

PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES

Appearance	Light brown liquid
Odour	Ammoniacal
pH: 10% solution	8.0-11
Vapour Pressure (mmHg @ 20°C):	<0.1
Vapour Density (air = 1)	N/A
Boiling Point (°C):	>260
Freezing/Melting Point (°C):	N/A
Solubility in Water	Soluble
Specific Gravity (g/ml @ 15°C):	1.00
Flashpoint (°C):	94 (PMCC)
Flammability Limits (%):	N/A
Auto Ignition Temperature (°C):	N/A
Percent Volatiles	N/A

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use.

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials: Strong oxidising agents and Strong acids

Hazardous Decomposition Products: Burning can produce ammonia, carbon monoxide and/or carbon dioxide, and oxides of nitrogen.

Product: COCODIETHANOLAMIDE

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute:

Swallowed: Oral rat LD50 2.0-5.0g/kg for fatty acid diethanolamide, 620ul/kg for diethanolamine Oral Rabbit 2200mg/kg for rabbit

Eye: Irritating to the eyes

Skin: Repeated skin contact may cause a persistent irritation or dermatitis

Inhaled: Irritates the nose and throat, may experience headache, nausea and drowsiness

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways

Mobility : Miscible with water

Persistence/degradability : Biodegradable.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

UN Number:	NR	Proper Shipping Name:	NA
Class:	NR	Subsidiary Risk:	None allocated
Packing Group:	NR	Hazchem Code:	NA
Special Precautions for User:	None		

SECTION 15 REGULATORY INFORMATION

Poisons Schedule : 5

AICS : Listed

Dangerous Goods Initial Emergency Response Guide (SA HB76:2004) : N/A

SECTION 16 OTHER INFORMATION

Further Information may be obtained by contacting Recochem on (07) 3308 5200

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.
