



**COLONIAL CHEMICAL, INC.
MATERIAL SAFETY DATA SHEET**

MSDS No.
REVISION No: 1
ISSUE DATE: 1-20-2010
EXPIRATION DATE: 1-20-2013

Cola[®] Mid 115

SECTION 1 – IDENTIFICATION

1.1 Product Name: Cola[®] Mid 115
INCI Name: Fatty Alkanolamide
Product Class: Surfactant
Formula: Not applicable
Synonym: None

1.2 Company Name: Colonial Chemical, Inc.
Address: 225 Colonial Drive, South Pittsburg, TN 37380

1.3 Phone Number: 423-837-8800 / (Fax) 423-837-3800
Emergency Number: 423-837-8800 / Chemtrec 800-424-9300
 **The chemtrec number is to be called only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

SECTION 2 – HAZARDS IDENTIFICATION

3.1 Emergency overview:
Appearance: Clear to hazy amber liquid
Physical State: Liquid
Odor: Bland
Hazards of product: HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

3.2 Effects of Single Exposure:
Eyes: May cause severe irritation, redness, blurred vision.
Skin: May cause irritation.
Inhalation: Mist may irritate mucous membranes.
Ingestion: Moderately toxic. May cause abdominal discomfort, nausea, vomiting and diarrhea.

Effects of Repeated Exposure:
Eyes: Prolonged contact can cause severe irritation, redness, blurred vision.
Skin: Prolonged contact can cause dermatitis.
Inhalation: Mist can irritate mucous membranes.

Medical Conditions Aggravated by Exposure: Skin contact may aggravate an existing dermatitis.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name:	CAS#:	% by Weight:
Amides, C16-18 and C18-unsatdd., N,N-bis(hydroxyethyl)	68603-38-3	60 - 100
Diethanolamine	111-42-2	10



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SECTION 4 – FIRST AID MEASURES

- 4.1 Exposure to Eyes: Immediately flush with copious amounts of water for at least 15 minutes. Do not remove contacts if worn. Consult physician immediately.
- 4.2 Exposure to Skin: Immediately flush with copious amounts of soap and water for 15 minutes. Remove and launder contaminated clothing before reuse. If irritation persists, contact physician.
- 4.3 Exposure by Inhalation: Remove to fresh air. If irritation persists, contact physician.
- 4.4 Exposure by Ingestion: If patient is conscious and can swallow, give 2 glasses of water. Call physician or poison control immediately. **Do not induce vomiting.**
- 4.5 Note to physician: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g., gastric lavage after endotracheal intubation).

SECTION 5 – FIRE FIGHTING MEASURES

- 5.1 Flash Point & Method: > 200°F, Pensky-Martens Closed Cup. ASTM D 93
- 5.2 Extinguishing Media: CO₂, Dry Chemical, BC/ABC Extinguishers.
- 5.3 Unusual Fire and Explosion Hazards: None known
- 5.4 Fire Fighting Procedures: Do not direct a solid stream of water or foam into hot, burning pools, this may cause frothing and increase fire intensity. Use self-contained breathing apparatus and body-covering protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Containment: Soak up with sand or sweeping compound and dispose as solid waste. To avoid gelling and foaming problems, do not use water to flush to industrial sewer.

SECTION 7 – HANDLING AND STORAGE

- 7.1 Handling: Use good hygiene practices when handling product to avoid contact with eyes, skin and clothing.
- 7.2 Storage: Keep container closed when not in use in a dry and well-ventilated place.
- 7.3 Other precautions: Prevent skin and eye contact. Avoid breathing this material.
Do not swallow.



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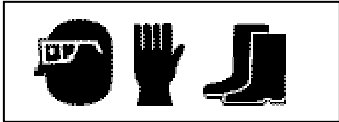
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SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Exposure Limits:
8.2 Personal Protection

None established
Respiratory Protection: Not required unless there is a vapour.
Ventilation: Not required under normal use. Misting operations may require adequate ventilation.
Protective Gloves: Impervious.
Eye Protection: Chemical goggles.
Other Protective Equipment: Wear protective clothing to prevent skin contact. Eyewash and safety showers in work area.



8.3 Engineering Controls

Surfactants can cause foaming problems in biological wastewater treatment plants and other high shear operations.
Process Hazard: Sudden release of hot organic chemical vapor or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into hot equipment under vacuum, may result in ignitions without the presence of obvious ignition sources. Published “auto ignition” or “ignition” temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated-temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance @ 70°F:	Clear to hazy amber liquid
pH (1%):	8 – 10
Solubility in Water (by weight):	Dispersible
Odor:	Bland
Flash Point:	>200°F (>93.9°C) ASTM D 93
Boiling Point:	ND
Freezing Point:	ND
% Volatile:	ND
Specific Gravity @ 25°C:	ND
Vapor Pressure @ 20°C:	ND
Vapor Density (air=1):	ND
% Water (By Wt.):	ND
Weight Per Gallon:	ND
% Solids:	ND
Evaporation Rate (Butyl Acetate=1):	ND
Density	960 kg/m3 at 25 C



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Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

SECTION 10 – STABILITY AND REACTIVITY

10.1 Stability: Stable.
10.2 Hazardous Decomposition Products: No hazardous decomposition products known

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Dermal Toxicity LD50 rabbit
Dose: 12,200 mg/kg

Acute Oral Toxicity LD50 rat
Dose: 710 – 3,540 mg/kg

Genotoxicity in vivo No evidence of genotoxic effects in vivo

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity effects – The product does not contain any substance(s) considered as harmful or toxic to aquatic organisms.

Biodegradability – The product contains only readily biodegradable substances.

Toxicity to fish – LC50
Species – Fish
Dose - > 100 mg/l
Exposure time – 96 h

Toxicity to daphnia and other – EC50
Aquatic invertebrates Species – Daphnia magna
Dose – 10 - 100mg/l
Exposure time – 48 h

Toxicity to algae - EC50
Species – Algae



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Dose - >100mg/l
Exposure time – 72 h

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation

SECTION 14 – TRANSPORTATION INFORMATION

Proper Shipping Name: Liquid Soap, N.O.S
DOT Hazard Class: None
ID Number: None
Packing Group: None
ADG: None
IATA: None
IMDG: None

SECTION 15 – REGULATORY INFORMATION

15.1 Federal/National

TSCA: Listed
EINECS: Listed (203-828-2)
Canada (DSL): Listed
Australia: Listed
Japan: Not Listed
Philippines: Not Listed
Korea: Listed
China: Listed

OSHA: 29 CFR 1910.1200- Irritant (eye); inhalation (TLV)
SARA TITLE III, Section 302, 304, 313: None
SARA TITLE III, Section 311, 312: Delayed Hazard – no
Immediate Health Hazard – no
Fire – no
Pressure -- no
Reactivity -- no
CERCLA: None

WHMIS: Not controlled under WHMIS

15.2 State/Local



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California Director's List: None
New Jersey Hazardous Substances: None
California Proposition 65: None

SECTION 16 – OTHER INFORMATION

The above data is for information purposes only and is accurate to the best of Colonial Chemical, Inc.'s knowledge. No guarantees or liabilities are expressed or implied.

Colonial Chemical Inc. assigned HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, they must ensure that the proper personal protective equipment (PPE) is provided consistent with the information contained in the product MSDS. This information is intended solely for the use of individuals trained in the particular hazard rating system.

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

ESTABLISHED 1-20-2010 / BARRY DELAUGHTER