



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

MSDS No. 3802  
REVISION No: 2  
ISSUE DATE: 1-02-2008  
EXPIRATION DATE: 1-02-2011

**Cola<sup>®</sup>Lipid C**

**SECTION 1 – IDENTIFICATION**

**1.1 Product Name:** Cola<sup>®</sup>Lipid C  
**Product Use:** 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 – COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Product</u>	<u>CAS</u>	<u>% (w/w)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Cocamidopropyl PG-Dimonium Chloride phosphate	83682-78-4	40-70	Not Established	Not Established

Ingredients not precisely identified are proprietary or nonhazardous

**SECTION 3 –HAZARDS IDENTIFICATION**

**3.1 Emergency overview:**  
Appearance: Clear yellow Liquid  
Physical State: Liquid @ 25°C  
Odor: Characteristic  
Hazards of product: MAY CAUSE EYE AND SKIN IRRITATION  
ASPIRATION MAY CAUSE IRRITATION

**3.2 Effects of Single Exposure:**  
Eyes: May cause irritation.  
Skin: Unlikely to cause skin irritation.  
Inhalation: May cause irritation.  
Ingestion: Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion of this product.

**Effects of Repeated Exposure:**  
Eyes: Prolonged contact may cause redness and blurred vision.  
Skin: Prolonged contact can result in slight skin irritation.  
Inhalation: No toxic effects are known to be associated with inhalation of this material.  
Ingestion: No toxic effects are expected following ingestion of this product.

**Other:** Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA



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SECTION 4 – FIRST AID PROCEDURES

- 4.1 Exposure to Eyes:** Immediately flush with copious amounts of water for at least 15 minutes. Do not remove contacts if worn. If redness, itching, or a burning sensation develops, have the eyes examined and treated by medical personnel.
- 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 redness, itching, or a burning sensation develops, get medical attention.
- 4.3 Exposure by Inhalation:** Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.
- 4.4 Exposure by Ingestion:** **Do not induce vomiting.** Give one or two glasses of water to drink and refer to medical personnel to take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.
- 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:** Water fog, alcohol foam. CO<sub>2</sub>, or Dry Chemical
- 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. Store between 50 – 100°F.
- 7.3 Other precautions** Prevent skin and eye contact. Avoid breathing this material.  
Do not swallow.



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SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

**8.1 Exposure Limits:** None Established  
**8.2 Personal Protection**  
**Respiratory Protection:** Not required.  
**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 @ 25°C
Appearance @ 70°F:	Clear yellow liquid
pH (10% Aqueous):	7.0
Solubility in Water (by weight):	Soluble
Odor:	Characteristic
Flash Point:	>200°F ASTM D 93
Boiling Point:	200°F
Freezing Point:	ND
% Volatile:	53
Specific Gravity @ 25°C:	1.03
Vapor Pressure @ 25°C:	ND
Vapor Density (air=1):	ND
% Water (By Wt.):	ND
Weight Per Gallon:	ND
% Solids:	45 - 48
Evaporation Rate (Butyl Acetate=1):	ND
Weight per gallon:	ND

*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.



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**SECTION 10 – STABILITY AND REACTIVITY**

<b>10.1 Stability:</b>	Stable.
<b>10.2 Hazardous Polymerization:</b>	Will not occur.
<b>10.3 Incompatibility:</b>	Strong oxidizing agents / reducing agents.
<b>10.4 Conditions to Avoid:</b>	Prolonged excessive heat may cause product decomposition.
<b>10.5 Hazardous Decomposition Products:</b>	Carbon dioxide, carbon monoxide, ammonia, phosphorus oxides, and nitrogen oxides

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Ingestion-100% suspension:

LD <sub>50</sub> rat—5g/kg	14 days	Practically nontoxic	03/24/1982
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Skin - 5% & 10% suspension:

Rabbit Draize	72 hours	Nonirritating	03/23/1981
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Guinea Pig Magnusson-Kligman	23 days	Nonsensitizing	04/04/1993
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Eye- 10% suspension:

Rabbit Draize	7 days	Minimally irritating	03/23/1981
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**ECOLOGICAL INFORMATION**

**12.1 Environmental Fate**

(OECD 301B) 44.4%

**12.2 Toxicity**

EC50 (48 hour) Daphnia .93 mg/l

**SECTION 13 – DISPOSAL CONSIDERATIONS**

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



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**SECTION 14 – TRANSPORTATION INFORMATION**

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

**SECTION 15 – REGULATORY INFORMATION**

**15.1 Federal/National**

<b>USA (TSCA):</b>	Listed
<b>EU (EINECS/ELINCS/NLP):</b>	Listed
<b>Canada (DSL):</b>	Listed
<b>Australia (AICS):</b>	Listed
<b>China (IECSC):</b>	Listed
<b>Korea (ECL):</b>	Listed
<b>Philippines (PICCS):</b>	Listed
<b>OSHA:</b>	29 CFR 1910.1200- Irritant (eye)
<b>SARA TITLE III, Section 302, 304, 313:</b>	None
<b>SARA TITLE III, Section 311, 312:</b>	Delayed Hazard – no Immediate Health Hazard – yes Fire – no Pressure -- no Reactivity -- no
<b>CERCLA:</b>	None
<b>WHMIS:</b>	Non-Hazardous

**15.2 State/Local**

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.



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<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>1</b>
<b>REACTIVITY</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

**REVISED 8/7/2009/B.DELAUGHTER**