

**SECTION 1 – IDENTIFICATION**

**GHS Product Identifier | Trade Name:** ColaLipid SIL  
**CAS Number:** 83682-78-4  
**EINECS Number:** 280-518-3  
**Chemical Name:** PEG-8 Dimethicone Linoleamidopropyl PG-Dimonium Complex  
**Uses of the Substance / Mixture:** Surfactant for various applications  
**Company Name:** Colonial Chemical, Inc.  
**Company Address:** 225 Colonial Drive, South Pittsburg, TN 37380 USA  
**Phone Number:** (P) 423.837.8800 (F) 423.837.3888  
**Emergency Phone Number:** Colonial Chemical: 423.837.8800 Chemtrec: 800.424.9300

**SECTION 2 – HAZARDOUS IDENTIFICATION**

**Classification (GHS/Regulation (EC) No 1272/2008)**

None

**Label Elements:**

**Hazardous products which must be listed on the label:**

None

**Globally Harmonized System of Classification and Labeling of Chemicals (GHS)**

Precautionary statements:

**General**  
None

**Prevention**

P264 Wash skin thoroughly after handling  
 P280 Wear protective gloves/eye protection/face protection

**Response**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage**

P404 Store in a closed container  
 P420 Store away from strong oxidizing agents and reducing agents

**Disposal**

P501 Dispose of contents and/or container in accordance with local, regional, national, and/or international regulations.

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

**Substance**

Chemical nature: Surfactant

**Information on Components and Impurities**

Chemical Name	Identification No.	GHS Classification	Concentration (%)
PEG-8 Dimethicone Linoleamidopropyl PG-Dimonium Complex	CAS RN: 83682-78-4 EINECS: 280-518-3	None	45 - 50

**SECTION 4 – FIRST AID MEASURES**

**Description of necessary first-aid measures**

General advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation: Remove victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin contact: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. If skin irritation continues: Get medical attention.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**SECTION 5 – FIREFIGHTING MEASURES**

**Extinguishing media**

Suitable extinguishing media: CO2, Dry Chemical, BC/ABC Extinguishers

**Special hazards arising from the substance or mixture**

Specific hazards during firefighting: On combustion forms carbon monoxide, carbon dioxide, potassium oxide

**Advice for firefighters**

Special protective equipment: Self-contained breathing apparatus (EN 133)  
Full protective suit

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

**Methods for Cleaning or Taking Up**

SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.  
LARGE SPILLS: Dike far ahead of spill for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer. Spills may be reportable to local, state, federal and/or provincial authorities.

**Additional advice**

Prevent entry into waterways, sewers, basements or confined areas.

**SECTION 7 – HANDLING AND STORAGE**

**Handling**

Advice on safe handling and usage: Avoid contact with skin and eyes.

**Storage**

Recommended: Keep tightly closed when not in use.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Components with workplace control parameters**

Components	Value Type	Value	Update	Basis
N/A				

**Components with workplace foreign control parameters**

Components	Value Type	Value	Update	Basis
N/A				

### Control Measures

Engineering measures: Avoid splashes. Apply technical measures to comply with any occupational exposure limits when applicable.

### Personal protective equipment

Respiratory protection: In the case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Wear appropriate gloves. In EU member states, gloves should satisfy the specification of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe instructions provided by the glove supplier regarding permeability and breakthrough time. Also, take into consideration the specific local conditions under which the product is used, such as danger of cuts, abrasion and the contact time. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection: Wear safety goggles. In case of contact through splashing: Wear face-shield and protective suit.

Skin and body protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated clothing before wearing again.

Hygiene measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well-maintained personal protection equipment. Store the personal protection equipment in a clean location away from the work area. Contaminated work clothing should not be allowed out of the workplace. Before re-use, thoroughly clean personal protection equipment. Wash hands before breaks and immediately after handling the product. Shower or bathe at the end of working. When using the product do not eat, drink or smoke.

Protective measures: The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form: Liquid  
 Physical state: Liquid  
 Color: Clear to amber-colored  
 Odor: characteristic/amine  
 Odor Threshold: no data available

### Safety data

pH: 10% Solution 6.5 - 7.5  
 Melting point/range: no data available  
 Boiling point/boiling range: >93° C  
 Flash Point: >93° C (closed cup)  
 Auto-ignition temperature no data available  
 Water solubility: dispersible  
 Solubility in other solvents no data available  
 Partition coefficient: noctanol/water: no data available  
 Vapor pressure: no data available  
 Evaporation rate: no data available  
 Relative vapor density: no data available  
 Density: no data available  
 Oxidation/Reduction Potential: no data available  
 Viscosity: no data available  
 Explosive properties: no data available  
 Thermal decomposition: no data available  
 Lower explosion limit: no data available

Upper explosion limit: no data available  
Specific Gravity: 1.03g/mL @ 25°C

### SECTION 10 – STABILITY AND REACTIVITY

#### Chemical Stability

#### Hazardous reactions

Conditions to avoid Prolonged, excessive heat  
Materials to avoid Strong oxidizing agents, reducing agents

### SECTION 11 – TOXICOLOGICAL INFORMATION

#### Skin Contact

Skin irritation: 48 Hour Patch Test, No potential for dermal irritation (2000)

#### Eye Contact

Eye irritation: HET-CAM 6.25

### SECTION 12 – ECOLOGICAL INFORMATION

#### Ecotoxicity assessment

Ecotoxicity assessment: No data available

#### Persistence and degradability

Biodegradability: (OECD 301B) 44.4%

### SECTION 13 – DISPOSAL CONSIDERATIONS

#### Product Disposal

Advice on Disposal: Dispose of in accordance with local regulations.

### SECTION 14 – TRANSPORTATION INFORMATION

ADR	Not Regulated
RID	Not Regulated
DOT	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

### SECTION 15 – REGULATORY INFORMATION

TSCA:	Listed
EU (REACH):	Pre-Registered 05-2114468707-35-0000
EU (EINECS):	Listed
Canada (DSL):	Listed
Australia (AICS):	Listed
Philippines (PICCS):	Listed
Korea (ECL):	Listed
China (IECSC):	Listed
New Zealand (NZIoC):	Listed
Japan (ENCS):	Listed

Follow all regulations in your country or region. Colonial Chemical, Inc is unable to confirm all regulatory information in regard to the substances in your country or region, and this information is subject to change without notice.

### SECTION 16 – OTHER INFORMATION

#### Full text of P-Statements referred to under sections 2 and 3.

P264	Wash skin thoroughly after handling
P280	Wear protective gloves/eye protection/face protection
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P404	Store in a closed container
P420	Store away from strong oxidizing agents and reducing agents
P501	Dispose of contents and/or container in accordance with local, regional, national, and/or international regulations.

<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>

The information provided in this Safety Data Sheet is accurate to the best of Colonial Chemical, Inc.'s knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application of the product, they must ensure that proper personal protective equipment (PPE) is provided consistent with the information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity with all regulations linked to its activity.