SECTION 1 – IDENTIFICATION

GHS Product Identifier | Trade Name: Cola®Lac 426
CAS Number: 72300-24-4
INCI Name: Isostearamidopropyl Morpholine Lactate
Formula: N/A
Synonym: N/A
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:

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

- Skin irritation, Category 2
  - H315: Causes skin irritation
- Eye irritation, Category 2
  - H319: Causes serious eye irritation.
- Aquatic Toxicity
  - H401: Toxic to aquatic life.
- Aquatic Toxicity
  - H411: Toxic to aquatic life with long lasting effects.

Label Elements:
Hazardous products which must be listed on the label:
None

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

Pictogram:

![Exclamation Mark]

Signal word: Warning

Hazard statements:

- H315 Causes skin irritation
- H319 Causes serious eye irritation.

Precautionary statements:

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

Response
P301 P273 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.
P337 P313 If eye irritation persists get medical advice/attention.
P332 P313 If skin irritation occurs: Get medical advice/attention.

Storage
P401 Store in an area between 5-50 °C
P420 Store away from strong oxidizing agents and reducing agents

Disposal
P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.
SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>GHS Classification</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propanoic acid, 2-hydroxy-, compd. with N-[3-(4-morpholiny)propyl]isoctadecanamide (1:1)</td>
<td>72300-24-4</td>
<td>Eye Irritation Cat 2, H319 : Causes serious eye irritation Skin Irritation Cat 2, H315: Causes skin irritation</td>
<td>22 - 30</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td></td>
<td>70 - 78</td>
</tr>
</tbody>
</table>

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. 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: H2O, 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
Safety Data Sheet
Cola® Lac 426

Colonial Chemical, Inc.
225 Colonial Drive
South Pittsburg, TN 37380
Emergency: 423-837-8800  Chemtrec: 800 424-9300

Issue date: 05/16/2016

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

Storage
Recommended: Store in original container. Store tightly closed. Store in an area between 10-30 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>Value Type</th>
<th>Value</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Components with workplace foreign control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>Value Type</th>
<th>Value</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.


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 to 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: Clear Liquid
Physical state: Liquid
Color: Amber
Odor: amine
Odor Threshold: no data available

Safety data
pH: "As is" 4 - 5
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/range</td>
<td>no data available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>110°C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;93.3°C closed cup</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>no data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>soluble</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>no data available</td>
</tr>
<tr>
<td>Partition coefficient: noctanol/water</td>
<td>no data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>no data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>no data available</td>
</tr>
<tr>
<td>Density</td>
<td>no data available</td>
</tr>
<tr>
<td>Oxidation/Reduction Potential</td>
<td>no data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>no data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>no data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>no data available</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>no data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>no data available</td>
</tr>
</tbody>
</table>

**SECTION 10 – STABILITY AND REACTIVITY**

**Chemical Stability**

Stable under normal conditions

**Hazardous reactions**

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

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Acute toxicity**

- **Acute oral toxicity**: no data available
- **Acute inhalation toxicity**: no data available
- **Acute dermal toxicity**: no data available
- **Other routes of administration**: no data available
- **Aspiration toxicity**: no data available

**Skin corrosion/irritation**

- **Skin irritation**: no data available

**Serious eye damage/eye irritation**

- **Eye irritation**: no data available

**Respiratory or skin sensitization**

- **Sensitization**: no data available

**Repeated dose toxicity**

- **Repeated dose toxicity**: no data available

**STOT**

- **STOT - single exposure**: no data available
- **STOT - repeated exposure**: no data available

**Carcinogenicity**

- **Carcinogenicity**: no data available

**Mutagenicity**

- **Genotoxicity in vitro**: no data available
- **Genotoxicity in vivo**: no data available

**Reproductive toxicity**

- **Reproductive toxicity**: no data available

**SECTION 12 – ECOLOGICAL INFORMATION**
Ecotoxicity assessment
   Ecotoxicity assessment: no data available

Persistence and degradability
   Biodegradability: no data available

Bioaccumulation
   Bioconcentration factor (BCF): no data available

Other adverse effects
   Environment assessment: no data available

SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORTATION INFORMATION

DOT  Environmentally Hazardous Substance, Liquid, N.O.S. (Isostearamidopropyl Morpholine Lactate), UN 3082, Class 9, Packing Group III
ADR  Environmentally Hazardous Substance, Liquid, N.O.S. (Isostearamidopropyl Morpholine Lactate), UN 3082, Class 9, Packing Group III
RID  Environmentally Hazardous Substance, Liquid, N.O.S. (Isostearamidopropyl Morpholine Lactate), UN 3082, Class 9, Packing Group III
IMDG Environmentally Hazardous Substance, Liquid, N.O.S. (Isostearamidopropyl Morpholine Lactate), UN 3082, Class 9, Packing Group III
IATA Environmentally Hazardous Substance, Liquid, N.O.S. (Isostearamidopropyl Morpholine Lactate), UN 3082, Class 9, Packing Group III

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: Not Listed
EU: Not Listed
Canada (DSL): Listed
Australia (AICS): Not Listed
New Zealand (NZIoC): Listed
China (IECSC): Not Listed
Philippines (PICCS): 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 H-Statements referred to under sections 2 and 3.
   H315 Causes skin irritation
   H319 Causes serious eye irritation.

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.
   P337+P313 If eye irritation persists get medical advice/attention.
   P332+P313 If skin irritation occurs: Get medical advice/attention.
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.