SECTION 1 – IDENTIFICATION

GHS Product Identifier | Trade Name: Cola®Lux CAO-35
CAS Number: 68155-09-9
EINECS Number: 268-938-5
Uses of the Substance / Mixture: Detergent, emulsifier
Synonym: Cocoamidopropylamine oxide
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)
Acute Toxicity, Category 4  H302: Harmful if swallowed
Skin Irritation, Category 2 H315: Causes skin irritation
Eye Damage, Category 1 H318: Causes serious eye damage

Label Elements:
Hazardous products which must be listed on the label:
Cocoamidopropylamine oxide

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

Pictogram:

Signal word: Danger
Hazard statements: H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage

Precautionary statements:
General None
Prevention P264 Wash hands and exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/eye protection/face protection.

Response P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of 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.
P308+P310 IF exposed or concerned: Immediately call a POISON CENTER or
doctor/physician
P330 Rinse mouth.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse

Storage
P404 Store in a closed container
P405 Store locked up

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: Aqueous solution of Cocamidopropylamine oxide

Information on Components and Impurities

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>GHS Classification</th>
<th>Concentration (%)</th>
</tr>
</thead>
</table>
| Cocamidopropylamine Oxide | 68155-09-9 | H302 : Acute toxicity, Category 4  
H315 : Skin irritation, Category 2  
H318 : Serious eye damage, Category 1  
H400 : Acute aquatic toxicity, Category 1 | >= 31 - < 35 |
| Glycerin               | 56-81-5     | Not classified                       | 2 - 5             |

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. Do not give anything to drink. 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

Unsuitable extinguishing media: High volume water jet

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

**Further information:**
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

---

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**
Avoid contact with the skin and the eyes. Wear suitable protective equipment. Wear suitable gloves. Tightly fitting safety goggles. Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid. For further information refer to section 8 "Exposure controls/personal protection”.

**Environmental precautions**
Contain the spilled material by bunding. Try to prevent the material from entering drains or water courses.

**Methods for Cleaning or Taking Up**

**Recovery:**
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**Decontamination/cleaning:**
Wash off with plenty of water. Recover the cleaning water for subsequent disposal.

**Disposal:**
Dispose of in accordance with local regulations.

**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
Handle in accordance with good industrial hygiene and safety practice.

**Storage**

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

---

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

**Contains no substances with occupational exposure limit values.**

**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 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: Liquid
Physical state: Liquid
Color: Clear to yellow-colored
Odor: characteristic
Odor Threshold: no data available

Safety data
pH: 6.5 – 8.5 at 10% aqueous solution
Melting point/range: no data available
Boiling point/boiling range: ~100°C
Flash Point: > 93°C closed cup
Flammability (solid, gas): no data available
Auto-ignition temperature no data available
Water solubility: soluble
Solubility in other solvents no data available
Vapor pressure: ~25 mmHg at 25°C
Density: 1.02 kg/dm³ at 25°C
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
Evaporation Rate: > 1

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, strong acids, strong bases

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity
Acute oral toxicity: May be harmful if swallowed
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: Mildly to moderately irritating to skin.

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: This product contains no substances that are considered by OSHA, NTP, IARC, ACGIH to be Probable or suspected human carcinogens.

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

ADR Not Regulated
DOT Not Regulated
RID Not Regulated
IMDG Not Regulated
IATA Not Regulated
ADN/ADNR 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, RN 05-2114868127-41-0000
Safety Data Sheet
Cola®Lux CAO-35

Canada (DSL): Listed
Australia (AICS): Listed
Japan (ENCS): Not Listed
Korea (ECL): Listed

SARA TITLE III: None
California Proposition 65: None

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.

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage

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

P264 Wash hands and exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/eye protection/face protection.
P301 P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302 P352 IF ON SKIN: Wash with plenty of 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.
P308 P310 IF exposed or concerned: Immediately call a POISON CENTER or doctor/physician
P330 Rinse mouth.
P332 P313 If skin irritation occurs: Get medical advice/attention.
P362 P364 Take off contaminated clothing and wash it before reuse
P404 Store in a closed container
P405 Store locked up
P501 Dispose of contents and/or container in accordance with local, regional, national, and/or international regulations.

HEALTH 1
FLAMMABILITY 1
REACTIVITY 0
PERSONAL PROTECTION 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.

REVISED BY J.PALMER 03/27/2015