

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
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SECTION 2 – HAZARDOUS IDENTIFICATION

Classification:

Classification (Regulation (EC) No 1272/2008)

Skin Irritation, Category 2 H315: Causes skin irritation
Eye Irritation, Category 1 H318: Causes serious eye damage

Classification (67/548/EEC, 1999/45/EC)

Xi: Irritant R38: Irritating to skin
R41: Risk of serious damage to eyes

Label Elements:

Hazardous products which must be listed on the label:

Dodecyldimethylamine oxide

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

Pictogram:



Signal word: Warning

H-phrase(s) : H315: Causes skin irritation
H318: Causes serious eye damage

P-phrase(s) : P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do- continue rinsing.
P337+313: If eye irritation persists get medical advice/attention.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Chemical nature: Aqueous solution of Dodecyldimethylamine oxide

Information on Components and Impurities

Chemical Name	CAS No.	GHS Classification	Concentration (%)
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	H315:Skin irritation, Category 2 H319: Eye irritation, Category 2	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.

Methods for Cleaning or Taking Up	Try to prevent the material from entering drains or water courses.
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). Wash off with plenty of water.
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/dm ³ 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:	not classified as 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.
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Serious eye damage/eye irritation

Eye irritation:	no data available
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Respiratory or skin sensitization

Sensitization:	no data available
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Repeated dose toxicity

Repeated dose toxicity:	no data available
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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
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
H303	May be harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage

H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes eye irritation
H332	Harmful if inhaled

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.
P310	Immediately call a POISON CENTER or doctor/ physician
P321	Specific treatment (see supplemental first aid instructions on this label)
P332 + P313	If skin irritation occurs: Get medical advice/ attention
P362	Take off contaminated clothing and wash before reuse
P501	Dispose of contents/ container to an approved waste disposal plant

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.