

SECTION 1 – IDENTIFICATION

GHS Product Identifier | Trade Name: ColaLube 3402
CAS Number: Proprietary
Uses of the Substance / Mixture: Surfactant for various applications
Company Name: Colonial Chemical, Inc.
Company Address: P.O. Box 111, 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)

Acute Toxicity, Category 4	H302: Harmful if swallowed
Skin Irritation, Category 2	H315: Causes skin irritation
Eye Irritation, Category 2	H319: Causes serious eye irritation
Suspected Carcinogen, Category 2	H351: Suspected of causing cancer
Specific Target Organ Toxicity (Repeat Exposure), Category 2	H373: May cause damage to organs through prolonged or repeated exposure

Label Elements:

Hazardous products which must be listed on the label:

Diethanolamine: 111-42-2 25-30%

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

Pictogram:



Signal word:	Danger	
Hazard statements:	H302	Harmful if swallowed
	H315	Causes skin irritation
	H319	Causes serious eye irritation
	H351	Suspected of causing cancer
	H373	May cause damage to organs through prolonged or repeated exposure
Precautionary statements:	General None	
	Prevention	
	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	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.

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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.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P314 Get Medical advice/attention if you feel unwell.
P330 Rinse mouth.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse

Storage

P401 Store in an area between 10-49°C
P404 Store in a closed container
P405 Store locked up.
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

Substance

Chemical nature: Surfactant

Information on Components and Impurities

Chemical Name	CAS No.	GHS Classification	Concentration (%)
Cola®Lube 3402	Proprietary	Skin corrosion irritation, Category 2 H315: Causes skin irritation Serious eye irritation, Category 2 H319: Causes serious eye irritation	N/A
Diethanolamine	111-42-2	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. Suspected Carcinogen, Cat 2 H351: Suspected of causing cancer Specific Target Organ Toxicity – Repeat Exposure, Category 2 H373 May cause damage to organs through prolonged or repeated exposure.	25-30%

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

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Extinguishing media

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

Special hazards arising from the substance or mixture

Specific hazards during firefighting: On combustion forms oxides of carbon, nitrogen and sulfur

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. Store between 10 - 49° C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient Name	OEL United States	
Diethanolamine	ACGIH TLV .46 ppm	OSHA PEL 3.00ppm

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

Physical state:	Liquid
Color:	Amber
Odor:	characteristic, sharp amine
Odor Threshold:	no data available

Safety data

pH: 10% Solution	10
Melting point/range:	no data available
Boiling point/boiling range:	no data available
Flash Point:	Not Flammable
Auto-ignition temperature	no data available
Water solubility:	no data available
Solubility in other solvents	no data available
Partition coefficient: n-octanol/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
% Volatile by wt:	no data available
Specific Gravity:	0.98

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
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Serious eye damage/Eye irritation

Eye irritation:	no data available
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Carcinogenicity

This product contains the following substances which are considered to be “possibly carcinogenic to humans” by IARC (Group 2B):

Diethanolamine

Mutagenicity

no data available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment

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Ecotoxicity assessment: no data available

Persistence and degradability

Biodegradability: no data available

Environmental assessment

Not classified as dangerous for the environment according to EC criteria

SECTION 13 – DISPOSAL CONSIDERATIONS

Product Disposal

Prohibition: Should not be released into the environment

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

SECTION 14 – TRANSPORTATION INFORMATION

DOT Environmentally Hazardous Substance, Liquid, N.O.S. (contains Diethanolamine)
UN 3082, Packing Group III, Hazard Class 9

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
Canada(DSL): Listed
EU(REACH): Listed
Australia(AICS): Listed
Philippines(PICCS): Listed
China(IECSC): Listed

US federal regulations

US CERCLA Hazardous Substances: Reportable quantity

Diethanolamine (CAS 111-42-2) 100 LBS

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

Diethanolamine (CAS 111-42-2) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Diethanolamine (CAS 111-42-2) Listed.

Reportable Quantity Reportable Quantity (RQ) of this product is 2000 pounds based upon Diethanolamine(111-42-2) which yielded the lowest resultant RQ according to the following formula: CERCLA ingredient RQ / % of that ingredient in the product.

CERCLA (Superfund) reportable quantity

Diethanolamine 100

State regulations

US - New Jersey Community RTK (EHS Survey): Reportable threshold

Diethanolamine (CAS 111-42-2) 500 LBS

US - New Jersey RTK - Substances: Listed substance

Diethanolamine (CAS 111-42-2) Substance no. 0686

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Diethanolamine (CAS 111-42-2) Listed

California Proposition 65: This product contains the following chemicals known to the state of California to cause cancer and/or birth defects or reproductive harm.

Diethanolamine CAS:111-42-2

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

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

H302	Harmful if swallowed
H315	Causes skin irritation
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H373	May cause damage to organs through prolonged or repeated exposure

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

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P202	Do not handle until all safety precautions have been read and understood.
P264	Wash hands and exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product.
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P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
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P314	Get Medical advice/attention if you feel unwell.
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P501	Dispose of contents/container in accordance with local, regional, national and/or international regulations.

HEALTH	2
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.