

## SECTION 1 – IDENTIFICATION

**GHS Product Identifier | Trade Name:** Cola®Mine CDA-RA  
**CAS Number:** 68603-42-9  
**Uses of the Substance / Mixture:** Surfactant for various applications  
**Formula:** N/A  
**Synonym:** Cocamide DEA  
**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:

Skin corrosion irritation, Category 2 H315: Causes skin irritation  
Serious eye irritation, Category 2A H319: Causes serious eye irritation  
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 CAS # 111-42-2

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

### Pictogram:



### Signal Word:

**Warning**

### Hazard Statements:

H315 Causes skin irritation  
H319 Causes eye irritation  
H373 May cause damage to organs through prolonged or repeated exposure.

### Precautionary statements:

**General**  
None

### Prevention

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
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.  
P308 IF exposed or concerned: P310 Immediately call a POISON CENTER or doctor/physician  
P314 Get medical advice/attention if you feel unwell  
P404 Store in a closed container  
P420 Store away from strong oxidizing agents and reducing agents

**Storage**  
None

**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.	EC No.	GHS Classification	Concentration (%)
Cocamide DEA	68603-42-9	271-657-0	Skin Irrit. 2 H315: Causes skin irritation Eye Irrit. 2 H319: Causes serious eye irritation	77
Diethanolamine	111-42-2	203-868-0	Acute Tox. 4 H302: Harmful if swallowed. Skin Irrit. 2 H315: Causes skin irritation. Eye Damage 1 H318: Causes serious eye damage. STOT Rep. Exp. 2 H373: May cause damage to organs through prolonged or repeated exposure.	23

### 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.

#### Extinguishing media

Suitable extinguishing media: CO<sub>2</sub>, Dry Chemical, BC/ABC Extinguishers

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

Specific hazards during firefighting: None

#### 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. Material is slippery.

**Storage**

Recommended: Keep container closed when not in use.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION****Components with workplace control parameters**

Components	Value Type	Value	Basis
Diethanolamine	TWA	2 mg/m3	Inhalable fraction

**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 amber
Odor:	characteristic
Odor Threshold:	no data available

### Safety data

pH (10% aqueous):	10.0 - 11.5
Melting point/range:	no data available
Boiling point/boiling range:	> 176 °C
Flash point:	> 93.3 °C closed cup
Flammability (solid, gas):	no data available
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:	0.98
Density:	no data available
Oxidation/Reduction Potential:	no data available
Viscosity, dynamic:	no data available
Viscosity, kinematic:	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

## SECTION 10 – STABILITY AND REACTIVITY

### Chemical Stability

Stable

### Hazardous reactions

Conditions to avoid	Extreme high temperatures
Materials to avoid	Strong oxidizing 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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### Respiratory or skin sensitization

Sensitization:	no data available
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### 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**

ADR not regulated  
 RID not regulated  
 IMDG not regulated  
 IATA not regulated

This item contains Diethanolamine, which has an RQ amount of 100 pounds. Any container that holds an equal or greater amount is a DOT hazardous substance and is shipped as stated below. Any container containing a lesser amount is non-regulated.

**Proper Shipping Name:** Environmentally Hazardous Substance, liquid N.O.S. (contains Diethanolamine)  
**DOT Hazard Class:** 9  
**UN Number:** UN3082  
**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: Listed  
 EU (REACH): Listed  
 Canada (DSL): Listed  
 Australia (AICS): Listed  
 Japan (ENCS): N/D  
 Philippines (PICCS): Listed  
 Korea (ECL): Listed  
 New Zealand (NZIoC): Listed  
 China (IECSC): Listed

SARA TITLE III, Section 302, 304, 313:  
 SARA TITLE III, Section 311, 312:

Diethanolamine (111-42-2)  
 Delayed Hazard – no  
 Immediate Health Hazard – yes  
 Fire – no  
 Pressure -- no  
 Reactivity -- no  
 Diethanolamine (111-42-2)  
 Class D, Division 2 –Toxic

CERCLA:  
 WHMIS:

New Jersey Hazardous Substances: Diethanolamine

**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**

**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.
H319	Causes serious eye irritation
H373	May cause damage to organs through prolonged or repeated exposure.

**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.
P332 + P313	If skin irritation occurs: Get medical advice/attention
P337 + P313	If eye irritation persists get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P404	Store in a closed container
P501	Dispose of contents/container to an approved waste disposal plant

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

REVISED BY J. PALMER 12/05/2014

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.