

### SECTION 1 – IDENTIFICATION

**GHS Product Identifier | Trade Name:** Cola®Mine CW-100  
**CAS Number:** Proprietary  
**Chemical Name:** 2:1 Coconut Diethanolamide  
**Uses of the Substance / Mixture:** Surfactant for various applications  
**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: (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
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

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

Pictogram:



Signal word:	Danger	
Hazard statements:	H302 H315 H318 H351 H373	Harmful if swallowed Causes skin irritation Causes serious eye damage Suspected of causing cancer May cause damage to organs through prolonged or repeated exposure
Precautionary statements:	<b>General</b> None	
	<b>Prevention</b> P201 P202  P264	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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 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.  
P310 Immediately call a POISON CENTER/doctor  
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**

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	Identification No.	GHS Classification	Concentration (%)
2, 2-iminodiethanol	CASRN: 111-42-2 EINECS: 203-868-0	H302: Acute toxicity, Category 4 H373: Specific target organ repeated exposure, Category 2 H315: Skin irritation, Category 2 H318: Serious eye damage, Category 1	18.5 – 22.5%

**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. 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: CO<sub>2</sub>, 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**

**Handling**

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

**Storage**

Recommended: Keep tightly closed when not in use.

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

Components	Identification No.	Type	Value	Form
Diethanolamine	CASRN: 111-42-2 EINECS: 268-761-3	TWA	2 mg/m <sup>3</sup>	Inhalable fraction and vapor

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

**Safety data**

pH: 10% Solution	9.5 - 10.5
Boiling point/boiling range:	100°C
Flash Point:	>93.3°C
Auto-ignition temperature	no data available
Water solubility:	Soluble
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
Specific Gravity:	1.03

**SECTION 10 – STABILITY AND REACTIVITY**

**Chemical Stability**

Stable

**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: Irritating to skin

**Serious eye damage/Eye irritation**

Eye irritation: Risk of serious damage to eyes

**Carcinogenicity**

ACGIH Carcinogens no data available  
 Diethanolamine (CAS 111-42-2) A3 Confirmed animal carcinogen with unknown relevance to humans.

**IARC Monographs.** Overall Evaluation of Carcinogenicity

Cocoamide DEA (CAS 68603-42-9) 2B Possibly carcinogenic to humans  
 Diethanolamine (CAS 111-42-2) 2B Possibly carcinogenic to humans

Mutagenicity no data available

## SECTION 12 – ECOLOGICAL INFORMATION

### Ecotoxicity assessment

Ecotoxicity assessment: no data available

### Persistence and degradability

Biodegradability: Biodegradable

### 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

ADR	Environmentally Hazardous Substances, Liquid, NOS, (Contains Diethanolamine), UN 3082, Class 9, Packing Group III
RID	Environmentally Hazardous Substances, Liquid, NOS, (Contains Diethanolamine), UN 3082, Class 9, Packing Group III
DOT	Environmentally Hazardous Substances, Liquid, NOS, (Contains Diethanolamine), UN 3082, Class 9, Packing Group III
IMDG	Environmentally Hazardous Substances, Liquid, NOS, (Contains Diethanolamine), UN 3082, Class 9, Packing Group III
IATA	Environmentally Hazardous Substances, Liquid, NOS, (Contains Diethanolamine), 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:	Listed
EU (EINECS):	Listed
EU (REACH):	Pre-Registered
Canada (DSL):	Listed
Australia (AICS):	Listed
Philippines (PICCS):	Listed
China (IECSC):	Listed
New Zealand (NZIoC):	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

# Safety Data Sheet

## Cola® Mine CW-100



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

#### 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
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure

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

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
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
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.
P310	Immediately call a POISON CENTER/doctor
P314	Get Medical advice/attention if you feel unwell.
P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical advice/attention.
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P362+P364	Take off contaminated clothing and wash it before reuse
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P501	Dispose of contents/container in accordance with local, regional, national and/or international regulations.

<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>

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.