

**SECTION 1 – IDENTIFICATION**

**GHS Product Identifier | Trade Name:** Cola®Cor AER  
**Uses of the Substance / Mixture:** Corrosion Inhibitor  
**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 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%

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

**Pictogram:**



**Signal Word:**

**Warning**

**Hazard Statements:**

H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes 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.
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P264	Wash skin thoroughly after handling
P280	Wear protective gloves/protective clothing/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 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
P330	Rinse mouth.

P332+P313 If skin irritation occurs: Get medical 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  
 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	< 10

**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: CO2, 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/m3	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 9.0  
Boiling point/boiling range: >139°C  
Flash Point: >93.9°C  
Auto-ignition temperature no data available  
Water solubility: Dispersible  
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  
Oxidation/Reduction Potential: no data available  
% Volatile: 0  
Specific Gravity: 0.9826

**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**

no data available

ACGIH Carcinogens

Diethanolamine (CAS 111-42-2) no data available

**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	Not Regulated
RID	Not Regulated
DOT	Not Regulated
IMDG	Not Regulated
IATA	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 (EINECS):	Listed
EU (REACH):	Pre-Registered
Canada (DSL):	Listed
Australia (AICS):	Listed
Korea (ECL):	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

US-California Prop 65: Diethanolamine

**WHMIS Classification:**

Class D, Division 2 – Toxic.

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

# Safety Data Sheet

## Cola®Cor AER



H373

May cause damage to organs through prolonged or repeated exposure

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

P262	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.
P308	IF exposed or concerned:
P310	Immediately call a POISON CENTER or doctor/physician
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

<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.

REVISED BY J. PALMER 03/10/2015