

## SECTION 1 – IDENTIFICATION

**GHS Product Identifier | Trade Name:** ColaTeric 2CM  
**CAS Number:** 68604-71-7  
**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 (Regulation (EC) No 1272/2008)

Eye Damage, Category 1 H318: Causes serious eye damage

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

Xn R41: May cause serious eye damage

### Label Elements:

Hazardous products which must be listed on the label:

Methanol

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

Pictogram:



Signal word: Danger  
Hazard statements: H318: Causes serious eye damage  
Precautionary statements:

### General None

### Prevention

P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.

### Response

P302 + P352: IF ON SKIN: Wash with soap and water.  
P304 + P312: IF INHALED: Call a POISON CENTER or doctor if you feel unwell.  
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.

### Storage

P401 Store in an area between 10-49°C  
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	CAS No.	GHS Classification	Concentration (%)
Disodium Cocamphodipropionate	68604-71-7	H318: Serious eye damage, Category 1	38 - 40
Methyl Alcohol	67-56-1	H225: Flammable Liquids, Category 2 H331: Acute toxicity, Category 3 H311: Acute toxicity, Category 3 H301: Acute toxicity, Category 3 H371: May cause damage to organs, Category 2	< 7

**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: H<sub>2</sub>O Spray, CO<sub>2</sub>, Dry Chemical, BC/ABC Extinguishers**Special hazards arising from the substance or mixture**

Specific hazards during firefighting: On heating there is a risk of a build-up of pressure in hermetically sealed containers or tanks. On combustion forms carbon monoxide, carbon dioxide, potassium oxide. Highly flammable gas is released, which increases fire/explosion hazards.

**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. Do not breathe vapors/dust.

### Storage

Recommended: Store between 10 – 49 °C.  
 Keep container tightly closed when not in use.  
 Keep away from heat and sources of ignition.  
 Keep away from incompatible materials (strong acids and strong oxidizing agents).

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Components with workplace control parameters

Components	Value Type	Value	Update	Basis
Methyl Alcohol	TWA	200ppm 260 mg/m <sup>3</sup>	2006-02-09	Europe. Indicative occupational exposure limit values

### Derived No Effect Level (DNEL)

Components	Population	Route of Exposure	Potential Health Effects	Reference Period	Value
Methanol	Workers	Skin Contact	Acute & Systemic effects		40 mg/kg Bw/day
		Inhalation	Acute, Systemic, & Local effects		260 mg/m <sup>3</sup>
		Skin Contact	Chronic & Systemic effects		40 mg/kg Bw/day
		Inhalation	Chronic, Systemic, & Local Effects		260 mg/m <sup>3</sup>
	Consumers	Skin Contact	Acute & Systemic effects		8mg/kg Bw/day
		Inhalation	Acute, Systemic, & Local effects		50mg/m <sup>3</sup>
		Ingestion	Acute, Systemic effects		8 mg/kg Bw/day
		Skin Contact	Chronic, Systemic effects		8 mg/kg Bw/day
		Inhalation	Chronic, Systemic, & Local effects		50 mg/m <sup>3</sup>
		Ingestion	Chronic & Systemic effects		8 mg/kg Bw/day

### Predicted No Effect Concentration (PNEC)

Product Name	Compartment	Value	Remarks
Methanol	Fresh Water	154 mg/l	
	Fresh Water	1540 mg/l	<b>Intermittent Release</b>
	STP	100 mg/l	

### 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: 9.0 - 10.0  
 Melting point/range: no data available  
 Boiling point/boiling range: 214°F (101°C)  
 Flash Point: >99°C, closed cup  
 Flammability: no data available  
 Auto-ignition temperature: no data available  
 Water solubility: soluble  
 Solubility in other solvents: no data available  
 Partition coefficient: noctanol/water: no data available  
 %Volatile by volume: ~60  
 Vapor pressure: no data available  
 Evaporation rate: no data available  
 Relative vapor density: no data available  
 Specific Gravity @ 25°C: 1.07  
 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
%Solids:	39

### SECTION 10 – STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions
<b>Hazardous reactions</b>	
Conditions to avoid	Prolonged, excessive heat
Materials to avoid	Strong oxidizing agents, reducing agents

### SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Methanol <7% According to the data on the components (internal evaluation): To be considered to be: Harmful by inhalation. Harmful: possible irreversible effects on inhalation. ( by calculation according to the conventional method) Harmful in contact with skin. Harmful: possible in contact with skin (by calculation according to the conventional method) Harmful if swallowed. Harmful: possible irreversible effects if swallowed. (Published data by calculation according to the conventional method)
<b>Local effects:</b>	Not irritating to rabbits on cutaneous application Slightly irritating to rabbits on ocular application. (16% solution) neutral pH.
<b>Irritation:</b>	
Rabbit Draize	72 hours Non-irritating
<b>Eye:</b>	
Rabbit Draize	7 days Practically non-irritating 06/26/1977

### SECTION 12 – ECOLOGICAL INFORMATION

<b>Biodegradability:</b>	
Ultimate aerobic biodegradability:	According to method ISO 14593 53% biodegradation after 28 days. According to OECD method 302B: 55% biodegradation after 28 days. Partially biodegradable.
<b>Ecotoxicity assessment</b>	
Effects on the aquatic environment	: EC 50 (Daphnia: Daphnia Magna)/48h: >100mg/l The product does not have any known adverse effects on the aquatic organisms tested. (Unpublished internal reports)
<b>Other adverse effects</b>	
Environment assessment:	Not classified as dangerous for the environment, according to EC criteria.

### SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Product Disposal</b>	
Prohibition:	Do not discharge into drains.
Advice on Disposal:	Dispose of in accordance with local regulations.

### SECTION 14 – TRANSPORTATION INFORMATION

<b>ADR</b>	<b>not regulated</b>
<b>RID</b>	<b>not regulated</b>
<b>IMDG</b>	<b>not regulated</b>

IATA  
ADN / ADN

not regulated  
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 05-2116792291-41-0000
Canada (DSL):	Listed
Australia (AICS):	Listed
China (IECSC):	Listed
New Zealand (NZIoC):	Listed
Philippines (PICCS):	Listed
Korea (ECL):	Listed
OSHA:	29 CFR 1910.1200-Irritant
SARA TITLE III, Section 302, 304, 313:	Methanol
SARA TITLE III, Section 311, 312:	Immediate Health Hazard-yes
CERCLA:	Methanol (67-56-1)
WHMIS:	Class D, Division 2-Toxic
New Jersey Hazardous Substances:	Methyl Alcohol
California Proposition 65:	Methyl Alcohol

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.

H225	Highly flammable liquid and vapor
H301	Toxic if swallowed
H311	Toxic in contact with skin
H318	Causes serious eye damage
H331	Toxic if inhaled
H370	Causes damage to organs

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

P264	Wash skin thoroughly after handling
P273	Avoid release to the environment
P280	Wear protective gloves/ eye protection/ face protection
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P401	Store in an area between 10-49°C
P404	Store in a closed container
P420	Store away from strong oxidizing agents and reducing agents
P501	Dispose of contents/ container to an approved waste disposal plant.

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

REVISED ON: 5/19/2014

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.