

SECTION 1 – IDENTIFICATION

GHS Product Identifier | Trade Name: ColaTeric JEM
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: (Regulation EC no.1272/2009)

Serious Eye Damage, Category 1 H318: Causes serious eye damage

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

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC

R41: Risk of serious damage to eyes

Label Elements:

Hazardous products which must be listed on the label:

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

Slightly irritating to eyes and skin.

In use, may form flammable/explosive vapour-air mixture. Risk of explosion if heated under confinement. On combustion, toxic gases are released. Hazardous reactions may occur on contact with certain chemicals. (Refer to the list of incompatible materials section 10: "Stability-Reactivity").

Pictogram:



Signal word: Warning

Hazard statements: H318 Causes serious eye damage.

Precautionary statements: **General**
None

Prevention

P280 Wear protective gloves/ eye protection/ face protection.

Response

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

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 (%)
Sodium mixed C8 amphocarboxylates	Proprietary	H318: Serious eye damage, Category 1	>=10 - < 20
Methanol	67-56-1	H225: Flammable Liquids, Category 3 H331: Acute toxicity, Category 3 H311: Acute toxicity, Category 3 H301: Acute toxicity, Category 3 H370: Specific target organ toxicity – single exposure, Category 1	>=1 - < 3

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: Water Spray, CO2, 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
Methanol	TWA	200ppm 260 mg/m ³	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 ³
		Skin Contact	Chronic & Systemic effects		40 mg/kg Bw/day
		Inhalation	Chronic, Systemic, & Local Effects		260 mg/m ³
	Consumers	Skin Contact	Acute & Systemic effects		8mg/kg Bw/day
		Inhalation	Acute, Systemic, & Local effects		50mg/m ³
		Ingestion	Acute, Systemic effects		8 mg/kg Bw/day
		Skin Contact	Chronic, Systemic effects		8 mg/kg Bw/day
		Inhalation	Chronic, Systemic, & Local		50 mg/m ³

			effects		
		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	Intermittent Release
	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: 10.0 – 10.5
Melting point/range: NDA
Boiling point/boiling range: 214°F (101°C)
Flash Point: >200°F (93°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:	-67
Vapor pressure:	<23.5 mmHg
Evaporation rate:	no data available
Relative vapor density:	no data available
Density:	ca. 1.13 g/cm ³ at 25°C
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

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
Serious eye damage/eye irritation	
Eye irritation:	no data available
Respiratory or skin sensitization	
Sensitization:	no data available
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:	The product does not have any know adverse affects to aquatic organisms tested
Persistence and degradability	
Biodegradability:	Ulimate aerobic biodegradability Total biodegradable
Bioaccumulation	
Bioconcentration factor (BCF):	not applicable for surfactants

Other adverse effects

Environment assessment:

not classified as dangerous for the environment according to EC criteria

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
ADN / ADN R	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):	Listed
Japan (ENCS):	Listed
Philippines (PICCS):	Listed
Korea (ECL):	Listed
OSHA:	29 CFR 1910.1200-Irritant
SARA TITLE III, Section 302, 304, 313:	Methanol
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.

Safety Data Sheet

Cola[®]Teric JEM



HEALTH	1
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.