

Material Safety Data Sheet

Cola[®]Mulse EMULTRON PM

Colonial Chemical, Inc.
225 Colonial Drive
S.Pittsburg, TN 37380

Page 1 of 4
Emergency Telephone #
423/837-8800
Chemtrec 800/424-9300

SECTION I – PRODUCT INFORMATION

Product Name: Cola[®]Mulse EMULTRON PM
File: Emultron PM
Chemical Name: Anionic/Nonionic surfactant blend
Prepared By: Scott Smith
Direct Phone: 423/837-8800

THE CHEMTREC NUMBER IS TO BE CALLED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT INVOLVING CHEMICALS.

SECTION II – COMPOSITION / INGREDIENTS

Chemical Name: Proprietary
CAS#: Proprietary 9
RANGE IN %: 100
HMIS Rating HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PPI: B
THIS PRODUCT IS CONSIDERED HAZARDOUS ACCORDING TO OSHA (1910.1200).

SECTION III – PHYSICAL DATA

Boiling Point (°F): Not Determined
pH: 7
Appearance: Pale Liquid
Odor: Slight Odor
Melting Point: 7.8 (46° F)
Specific Gravity: 1.06
Vapor Pressure: < 1 mm Hg @ 20° C (68° F)
Viscosity: 111 cSt @ 37.7° C (100° F)
VOC Content: Not Determined
Vapor Density (air = 1): 23
Solubility in Water (%): >10

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Ignition temperature: Not determined.
Flash Point: 212.8° C (415 F), PMCC
Flammable Limits: Not determined.
Unusual or Explosive Hazards: None known.
Special Protective Equipment: Firefighters should wear full protective clothing and positive pressure breathing apparatus. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products.

SECTION V – REACTIVITY DATA

Products evolved when subjected to heat or combustion: Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones may be formed on burning. Heating in air may produce irritating aldehydes, acids and ketones.

Hazardous Polymerization: Does not occur.

SECTION VI – HEALTH HAZARD DATA

SYMPTOMS OF OVEREXPOSURE:

Eyes – causes irritation, experienced as pain, with excess blinking and tear production, and seen as marked excess redness and swelling of the eye with injury to the cornea.

Skin – brief contact may cause slight irritation. Prolonged contact, as with clothing wetted with material, may cause more severe irritation and discomfort, seen as local redness and swelling. Other than the potential skin irritation noted above, (short term) adverse affects are not expected from brief skin contact – see other effects, below and Section 11 for information regarding potential long term effects.

Inhalation – Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness.

Ingestion: May cause abdominal discomfort, nausea, and diarrhea.

Chronic: No adverse effects have been documented in humans as a result of chronic exposure. Section 11 may contain applicable animal data.

Medical conditions aggravated by exposure: There is no evidence that this product aggravates an existing medical condition.

FIRST AID:

Eyes – Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart while flushing to rinse entire surface of eye and lids with water. Do not attempt to neutralize with chemical agents. Obtain medical attention immediately.

Skin – Immediately flush with copious amounts of soap and water for at least 5 minutes. Contact physician if irritation persists. Launder contaminated clothing before reuse.

Ingestion – If patient is conscious and can swallow, give two glasses of water. Induce vomiting as directed by medical personnel. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

Inhalation: Remove to fresh air. Get medical attention if breathing is difficult or respiratory irritation persists.

SECTION VII – SPECIAL PROTECTION INFORMATION

Eye/Face Protection:	Avoid eye contact. Chemical type goggles with face shield must be worn. Do not wear contact lenses.
Skin Protection:	Workers should wash exposed skin several times daily with sap and water. Soiled work clothing should be laundered or dry-cleaned.
Respiratory Protection:	Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated and the occupational exposure limit of the product is exceeded, use appropriate NIOSH or MSHA approved air purifying or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown. Local exhaust ventilation recommended if generating vapor, dust or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirators as appropriate.

SECTION VIII – SPECIAL PRECAUTIONS

Procedures in case of accidental release, breakage or leakage: Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes, clothing.

Handling and Storage: Eyewash should be available nearby when this product is handled or used. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

SECTION IX – REGULATORY INFORMATION

SARA TITLE III, Section 302 and 304: Extremely Hazardous Substances

CHEMICAL NAME	CAS #	RANGE IN %	TPQ	RQ
Residual ethylene oxide	75-21-8	0.001	1000	10

SARA TITLE III, Section 311 Hazardous Categorization: Acute

SARA TITLE III, Section 313 Toxic Chemical: None

CERCLA 102(a) DOT Hazardous Substances:

CHEMICAL NAME	CAS#	RANGE IN %	TPQ	RQ
Residual ethylene oxide	75-21-8	0.001	1000	10

States Right to Know Regulations: None

California Prop 65: The following detectable components of this product are substances, or belong to classes of substances, known to the state of California to cause cancer and/or reproductive toxicity.

SECTION IX – REGULATORY INFORMATION (CONTINUED)

CHEMICAL NAME	CAS #
Residual ethylene oxide	75-21-8
TSCA Inventory Status:	Listed in TSCA inventory.
WHMIS Classification:	Class D, Div2, Subdiv B: Irritant
Canadian Inventory Status:	Listed in inventory.
EINECS Inventory Status:	Not Determined.
Australian Inventory Status:	Listed in inventory.
Japan Inventory Status:	Not Determined.

SECTION X – WASTE DISPOSAL

Waste Disposal Method: In accordance with local, state and federal regulations.

SECTION XI – TRANSPORTATION INFORMATION

DOT – Proper Shipping Name:	Not regulated	
Hazard Class:	Not regulated	ID#: Not regulated
	Packing Group: Not regulated	
IMDG – Proper Shipping Name:	Not evaluated	
ICAO – Proper Shipping Name:	Not evaluated	
TDG – Proper Shipping Name:	Not regulated	
Hazard Class: Not regulated	ID#: Not regulated	Packing Group: Not regulated

OTHER: ethylated products may contain residual amounts of ethylene oxide, which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in lab animals. OSHA Permissible Exposure Level for EO is 1 ppm for an average 8 hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29 CFR 1910.1047).

SECTION XII – TOXICOLOGICAL INFORMATION

Oral: LD50 believed to be >2.00 – 5.00 g/kg (rat) slightly toxic. Inhalation not determined.
 Dermal: LD50 believed to be >2.00 g/kg (rabbit) practically non-toxic. IRRITATION INDEX, Estimation of Irritation (Species): Skin – (Draize) Believed to be >.50 – 3.00/8.0 (rabbit) slightly irritating. Eyes – (Draize) Believed to be >.50 – 80.00/110 (rabbit) severely irritating.
 Sensitization: Not determined. OTHER: This product may contain residual (less than 100 ppm) concentrations of ethylene oxide. Ethylene oxide causes tumors in lab animals.

SECTION XIII – ECOLOGICAL INFORMATION

Aquatic Toxicity: LC50-96 hr Aquatic toxicity rating is >1.00-10.00 ppm moderately toxic.
 Mobility: Not determined.
 Persistence and Biodegradability: Not determined.
 Potential to Bio-accumulate: Not determined.

Prepared by: Scott Smith Date: 11/25/98 Revised by Barry DeLaughter Date: 7/30/09

The above data is for information purposes only and is accurate to the best of Colonial Chemical, Inc.'s knowledge. No guarantees or liabilities are expressed or implied