

Material Safety Data Sheet
Cola[®] Lube 3403

Colonial Chemical, Inc.
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Emergency Telephone #
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Chemtrec 800/424-9300

SECTION I – PRODUCT INFORMATION

Product Name:	Cola [®] Lube 3403	File: 3403
Prepared by:	Scott Smith	
Direct Phone:	423/837-8800	

C.A.S. No.: PROPRIETARY

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

Emergency Overview: May cause moderate skin and eye irritation.

SECTION II – HAZARDOUS INGREDIENTS

HAZARD CLASSIFICATION: CORROSIVE

<u>Ingredients</u>	<u>CAS NUMBER</u>	<u>%</u>
DIETHANOLAMINE	000111-42-2	23.40

***ALL INGREDIENTS IN THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY

SECTION III – PHYSICAL DATA

Boiling Point (°F):	> 200° F
Vapor Pressure:	NA
Melting Point:	
% Volatile:	0 %
Specific Gravity:	0.9826
Evaporation Rate:	NA
Appearance:	Amber liquid
pH Value:	Not determined

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point, F, COC:	> 200° F, PMCC ASTM D93
Flammable Limits:	Not Established
Auto Ignition Temperature:	Not Established
Extinguishing Media:	CO ₂ , dry chemical, BC/ABC extinguishers.
Unusual Fire & Explosion Hazards:	For spray drying, request more information.

SECTION V – REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility (Materials to avoid):	Avoid contact with strong oxidizing agents
Conditions to Avoid:	Extra high temperatures
Decomposition Products:	Nitrous oxides and ammoniacal vapors

SECTION VI – HEALTH HAZARD DATA

Under Normal Use Conditions: May cause eye and skin irritation, like any soap or detergent.

Effects of Overexposure:

EYES – Overexposure causes severe irritation, redness or blurred vision.

SKIN – Prolonged contact can cause severe irritation.

First Aid:

Eye Contact - Immediately flush with copious amounts of water for at least 15 minutes. Consult physician.

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

Ingestion- Contact physician or poison control center. If victim is conscious and able to swallow, quickly give milk or water to dilute. Do not give sodium bicarbonate, vinegar, or fruit juice. Never give anything by mouth to an unconscious person.

Inhalation- Remove to fresh air. If necessary, give oxygen artificial respiration. Contact physician.

SECTION VII – SPECIAL PROTECTION INFORMATION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
DIETHANOLAMINE	0.46 ppm	N/est	N/est	N/est	3.00 ppm

Respiratory Protection: Not required

Ventilation: Not required – misting operations may require adequate ventilation.

Eye Protection: Wear safety glasses where no contact with the eye is anticipated.

Chemical safety goggles should be worn whenever there is the possibility of splashing or other contact with the eyes.

Protective Gloves: Impervious.

Other Protective Equipment: Wear protective clothing to prevent skin contact.

SECTION VIII – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Keep container closed when not in use.

Nitrosating agents such as sodium nitrite which may form nitrosodiethanolamine.

Other precautions: Spilled material is quite slippery on all surfaces.

Containment: For large spills – soak up with sand or sweeping compound and dispose as solid waste. For small spills – flush to industrial sewer.

SECTION IX – REGULATORY INFORMATION

TSCA: Listed in TSCA inventory

SARA TITLE III, Section 312: Diethanolamine, See Section 2

SARA TITLE III, Section 313: Diethanolamine, See Section 2

CERCLA RQ AMOUNT: None

SECTION X – WASTE DISPOSAL

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

SECTION XI – TRANSPORTATION INFORMATION

UN Number	UN 3082
UN Pack Group	III
UN Class	9
ICAO/IATA Class	None
IMDG Class	None
Shipping Name	Environmentally Hazardous Substance, Liquid N.O.S.
DOT Hazard Class	9
(additional description)	(Contains Diethanolamine)

RQ AMOUNT

DIETHANOLAMINE RQ QTY (IN GALLONS) 66

THIS ITEM CONTAINS DIETHANOLAMINE WHICH HAS AN RQ AMOUNT OF 100 POUNDS. THE QUANTITY OF THIS PRODUCT THAT CONTAINS THE RQ AMOUNT OF DIETHANOLAMINE IS LISTED ABOVE.

ANY CONTAINER/PACKAGE THAT HOLDS AN EQUAL OR GREATER AMOUNT IS A DOT HAZARDOUS SUBSTANCE AND IS SHIPPED AS FOLLOWS:

DOT NUMBER: UN 3082 PACKING GROUP: III
 DOT HAZARD CLASS: 9
 PROPER SHIPPING NAME: Environmentally Hazardous Substance, Liquid, N.O.S.
 (CONTAINS DIETHANOLAMINE) RQ (DIETHANOLAMINE)

ANY CONTAINER/PACKAGE CONTAINING A LESSER AMOUNT IS NON-REGULATED.

SECTION XII- TOXICOLOGICAL INFORMATION

NTP STUDY ON DIETHANOLAMINE:

FINDINGS FROM THE NATIONAL TOXICOLOGY PROGRAM SUGGEST AN INCREASED INCIDENCE OF LIVER TUMORS IN BOTH SEXES OF MICE AND AN INCREASED INCIDENCE OF KIDNEY TUMORS IN MALE MICE DERMALLY EXPOSED FOR THEIR LIFETIME TO DIETHANOLAMINE. THE SIGNIFICANCE OF THESE FINDINGS AND THEIR RELEVANCE TO HUMANS ARE NOT CLEAR AS DIETHANOLAMINE WAS NOT GENOTOXIC (NEITHER MUTAGENIC NOR CLASTOGENIC), AND DID NOT INDUCE TUMORS IN RATES OR TRANSGENIC MICE SIMILARLY TESTED. ADDITIONAL RESEARCH, WHICH IS DESIGNED TO PROVIDE, A BETTER UNDERSTANDING OF THESE OBSERVATIONS TO HUMANS, IF ANY, IS UNDERWAY.

Prepared by: Scott Smith

Date: 11/25/98

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