

MATERIAL SAFETY
DATA SHEET

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DIVISION: COMMERCIAL CARE DIVISION
TRADE NAME:
COMPUBLEND(tm) BASE F

ID NUMBER/U.P.C.: CN-1006-3988-5 - - - CN-1006-9299-1 - - -
61-5000-3714-0 00-48011-08744-3

ISSUED: NOVEMBER 26, 2001
SUPERSEDES: JUNE 19, 2000
DOCUMENT: 10-9262-6

1. INGREDIENT	C.A.S. NO.	PERCENT
ALCOHOLS, C12-14, ETHOXYLATED		
PROPOXYLATED	68439-51-0	60 - 90
ISOPROPYL ALCOHOL	67-63-0	7 - 13
POLYETHYLENE GLYCOL	25322-68-3	< 3
SECONDARY ALCOHOLS, C12-14	126950-60-5	< 2
POLYETHYLENE-POLYPROPYLENE GLYCOL		
MONOALLYL ETHER	9041-33-2	< 2
POLY(PROPYLENE OXIDE) MONOALLYL		
ETHER	9042-19-7	< 2

NOTE: IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.
The components of this product are in compliance with the chemical notification requirements of TSCA.

2. PHYSICAL DATA

BOILING POINT:..... 180 F
VAPOR PRESSURE:..... N/D
VAPOR DENSITY:..... N/D
EVAPORATION RATE:..... N/D
SOLUBILITY IN WATER:..... complete
SP. GRAVITY:..... ca. 0.96 Water = 1
PERCENT VOLATILE:..... ca. 10 %
pH:..... 9.8
VISCOSITY:..... N/D
MELTING POINT..... N/D
APPEARANCE AND ODOR: Liquid, clear, colorless, mild alcohol odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 67 F T.C.C.
FLAMMABLE LIMITS - LEL: 2.50 %

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

FLAMMABLE LIMITS - UEL: N/D

AUTOIGNITION TEMPERATURE: ... N/D

EXTINGUISHING MEDIA:

Water spray, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 3 REACTIVITY: 0

UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Class IB Flammable Liquid

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Extinguish all ignition sources. Contain spill. Evacuate unprotected personnel from hazard area. Cover with inorganic absorbent material. Cover spill area with Light Water Brand or other ATC foam. (For further information on ATC foam usage, contact 3M Fire Protection Systems.) Collect using non-sparking tools. Clean up residue with water. Place in an approved metal container. Seal the container.

RECOMMENDED DISPOSAL:

Flush spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Reduce discharge rate if foaming occurs. Dispose of empty cans in a sanitary landfill. Disposal alternative: Incinerate in a permitted hazardous waste incinerator.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 96 gms/liter South Coast Air Quality Mgmt Dist Method Rule 443.1, calculated.

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5. ENVIRONMENTAL INFORMATION (continued)

VOC less H₂O & Exempt Solvents: ca. 96 gms/liter South Coast Air Quality Mgmt Dist Method Rule 443.1, calculated.

Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

TSCA: All components used in the manufacture of this material are in compliance with the US TSCA inventory.

EPCRA HAZARD CLASS:

FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear vented goggles.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber.

VENTILATION PROTECTION:

Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits.

RESPIRATORY PROTECTION:

Avoid breathing of vapors.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

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7. PRECAUTIONARY INFORMATION (continued)

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep container in well-ventilated area. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Flammable liquid and vapor. Keep away from heat, sparks, open flame, and other sources of ignition.

OTHER PRECAUTIONARY INFORMATION:HMIS HAZARD RATINGS: HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0
PERSONAL PROTECTION: B

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
ALCOHOLS, C12-14, ETHOXYLATED					
PROPOXYLATED	NONE	NONE	NONE	NONE	
ISOPROPYL ALCOHOL	400	ppm	TWA	ACGIH	
ISOPROPYL ALCOHOL	500	ppm	STEL	ACGIH	
ISOPROPYL ALCOHOL	400	ppm	TWA	OSHA	
ISOPROPYL ALCOHOL	500	ppm	STEL	OSHA	
POLYETHYLENE GLYCOL	10	mg/m ³	TWA	AIHA	
	AS PARTICULATE				
SECONDARY ALCOHOLS, C12-14	NONE	NONE	NONE	NONE	
POLYETHYLENE-POLYPROPYLENE GLYCOL					
MONOALLYL ETHER	NONE	NONE	NONE	NONE	
POLY(PROPYLENE OXIDE) MONOALLYL					
ETHER	NONE	NONE	NONE	NONE	

* SKIN NOTATION: Listed substances indicated with "Y" under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Lung Inflammation: Product contains surfactants which have been shown

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8. HEALTH HAZARD DATA (continued)

in animal studies to cause lung inflammation resulting from prolonged skin contact. Signs/symptoms can include coughing and shortness of breath.

Mild Skin Irritation: signs/symptoms can include redness, swelling, and itching.

May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.

Studies in rabbits involving the substantially occluded contact of undiluted nonionic surfactants of similar properties with skin indicate that such conditions may result in the development of inflammatory changes in the lungs.

INHALATION:

Single overexposure, above recommended guidelines, may cause:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

SECTION CHANGE DATES

HEADING**SECTION CHANGED SINCE JUNE 19, 2000 ISSUE**

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