

MATERIAL SAFETY
 DATA SHEET



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DIVISION: COMMERCIAL CARE DIVISION

TRADE NAME:

COMPUBLEND(tm) BASE B

ID NUMBER/U.P.C.: CN-1006-3984-4 - - - CN-1006-9295-9 - - -
 61-5000-3710-8 00-48011-08740-5 70-0706-5166-9 00-48011-20480-2

ISSUED: AUGUST 19, 1999
 SUPERSEDES: MAY 25, 1999
 DOCUMENT: 10-9266-7

1. INGREDIENT	C.A.S. NO.	PERCENT	
WATER	7732-18-5	80.0	- 85.0
NONYLPHENOXYPOLY(ETHYLENEOXY) ETHANOL	9016-45-9	4.0	- 5.0
ALKYL (C-14 50%, C-12 40%, C-16 10%) DIMETHYL BENZYL AMMONIUM CHLORIDE ..	68424-85-1		4.3
OCTYLDECYLDIMETHYLAMMONIUM CHLORIDE ..	32426-11-2		3.2
ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT	64-02-8	2.0	- 3.0
ETHYL ALCOHOL	64-17-5		2.0
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5		1.6
DIOCTYL DIMETHYL AMMONIUM CHLORIDE ...	5538-94-3		1.6

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.

2. PHYSICAL DATA

BOILING POINT:..... 212 F
 VAPOR PRESSURE:..... N/D
 VAPOR DENSITY:..... N/D
 EVAPORATION RATE:..... N/D
 SOLUBILITY IN WATER:..... complete
 SP. GRAVITY:..... ca. 1.01 Water = 1
 PERCENT VOLATILE:..... ca. 85 %
 pH:..... 12.3
 VISCOSITY:..... N/D
 MELTING POINT..... N/D
 APPEARANCE AND ODOR: Liquid, clear, light amber color, solvent odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
 FLAMMABLE LIMITS - LEL:..... N/A

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

MATERIAL SAFETY
DATA SHEET

MSDS: COMPUBLEND(tm) BASE B
AUGUST 19, 1999

PAGE: 2 of 6

3. FIRE AND EXPLOSION HAZARD DATA (continued)

FLAMMABLE LIMITS - UEL: N/A

AUTOIGNITION TEMPERATURE: ... N/D

EXTINGUISHING MEDIA:

Water, 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.

Use fresh air respirator.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Stay out of smoke.

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

UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

Not applicable.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen.

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. Contain spill. Evacuate unprotected personnel from hazard area. Cover with absorbent material. Dilute in a large excess of water. Carefully, and with stirring, add appropriate dilute acid such as sulfamic acid or vinegar. Confirm neutrality. Collect spilled material. Clean up residue with water. Place in a polyethylene-lined metal container. Do not seal for 48 hours.

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. Disposal alternative: Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 20 gms/liter South Coast Air Quality Mgmt Dist Method Rule 443.1, calculated.

VOC Less H2O & Exempt Solvents: N/D.

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MATERIAL SAFETY
DATA SHEET



MSDS: COMPUBLEND(tm) BASE B
AUGUST 19, 1999

PAGE: 3 of 6

5. ENVIRONMENTAL INFORMATION (continued)

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 = None (Not U.S. EPA Hazardous).

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

EPCRA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT:

Immediately flush skin with large amounts of water for at least 15 minutes in a chemical safety shower while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

INHALATION:

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

IF SWALLOWED:

If swallowed, do NOT induce vomiting. Give victim two glasses of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

OTHER FIRST AID:

Measures against circulatory shock, respiratory depression, and convulsion may be needed.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear full-face shield.

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. Use one or more of the following personal protection items as necessary to prevent skin contact:

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MATERIAL SAFETY
DATA SHEET



MSDS: COMPUBLEND(tm) BASE B
AUGUST 19, 1999

PAGE: 6 of 6

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MATERIAL SAFETY
DATA SHEET



MSDS: COMPULEND(tm) BASE B
AUGUST 19, 1999

PAGE: 5 of 6

B. HEALTH HAZARD DATA

EYE CONTACT:

Chemical Related Eye Burns (chemical corrosivity): signs/symptoms can include cloudy appearance of the cornea, chemical burns, pain, tearing, ulcers, impaired vision or loss of vision.

SKIN CONTACT:

Skin Burns (chemical corrosivity): signs/symptoms can include redness, swelling, itching, pain, blistering, ulceration, sloughing, and scar formation.

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

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.

Prolonged or repeated exposure may cause:

Nervous System Effects: signs/symptoms can include emotional changes, lack of coordination, tremors and sensory loss.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Lung Damage: signs/symptoms can include coughing, difficulty breathing, wheezing, tightness in chest, congestion, and coughing up of blood.

IF SWALLOWED:

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

Harmful or fatal if swallowed.

Damage to Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, nausea, abdominal tenderness, burns of mouth, difficulty swallowing, blood in vomitus, blood in feces, and ulceration.

SECTION CHANGE DATES

ENVIRON. DATA SECTION CHANGED SINCE MAY 25, 1999 ISSUE

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MATERIAL SAFETY
DATA SHEET



MSDS: COMPUBLEND(tm) BASE B
AUGUST 19, 1999

PAGE: 4 of 6

7. PRECAUTIONARY INFORMATION (continued)

apron, coveralls.

VENTILATION PROTECTION:

Use with adequate dilution ventilation.

RESPIRATORY PROTECTION:

Avoid prolonged breathing of spray or mists.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

Avoid contamination of food.

RECOMMENDED STORAGE:

Store away from areas where product may come into contact with food or pharmaceuticals. Do not store containers on their sides. Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

OTHER PRECAUTIONARY INFORMATION:

HMS HAZARD RATINGS: HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 0
PERSONAL PROTECTION: B

INGREDIENTS	EXPOSURE LIMITS		TYPE AUTH	SKIN*
	VALUE	UNIT		
WATER	NONE	NONE	NONE NONE	
NONYLPHENOXYPOLY(ETHYLENEOXY) ETHANOL	NONE	NONE	NONE NONE	
ALKYL (C-14 50%, C-12 40%, C-16 10%) DIMETHYL BENZYL AMMONIUM CHLORIDE ..	NONE	NONE	NONE NONE	
OCTYLDECYLDIMETHYLAMMONIUM CHLORIDE ..	NONE	NONE	NONE NONE	
ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT	NONE	NONE	NONE NONE	
ETHYL ALCOHOL	1000	ppm	TWA ACGIH	
ETHYL ALCOHOL	1000	ppm	TWA OSHA	
DIDECYLDIMETHYLAMMONIUM CHLORIDE	NONE	NONE	NONE NONE	
DIOCTYL DIMETHYL AMMONIUM CHLORIDE ...	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
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

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