MAY 2 4 1995

MATERIAL SAFETY DATA SHEET



DIVISION: HOME AND COMMERCIAL CARE DIVISION TRADE NAME: COMPUBLEND(tm) II BASE V WITH FRAGRANCE

3M ID NUMBER/U.P.C.: 61-5001-1399-0 00-48011-18187-5

ISSUED: APRIL 10, 1995

SUPERSEDES: FEBRUARY 13, 1995

DOCUMENT: 05-9368-1

WATER	1. INGREDIENT	C.A.S. NO.	PERCENT		
DIMETHYL BENZYL AMMONIUM CHLORIDE		7732-18-5	60 -	70	
OCTYLDECYLDIMETHYLAMMONIUM CHLORIDE . 32426-11-2 6.5  ETHYLENEDIAMINETETRAACETIC ACID  TETRASODIUM SALT					
ETHYLENEDIAMINETETRAACETIC ACID  TETRASODIUM SALT					
TETRASODIUM SALT		32426-11-2		6.5	
ETHYL ALCOHOL		[경상: 10] - 그렇게요요?			
NONYLPHENOXYPOLY(ETHYLENEOXY)  ETHANOL				J. <b>5</b> (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
ETHANOL	ETHYL ALCOHOL	64-17-5		N <b>5</b>	
DIDECYLDIMETHYLAMMONIUM CHLORIDE 7173-51-5       3.9         DIOCTYL DIMETHYL AMMONIUM CHLORIDE 5538-94-3       2.6         SODIUM METASILICATE	NONYLPHENOXYPOLY(ETHYLENEOXY)				
DIDECYLDIMETHYLAMMONIUM CHLORIDE 7173-51-5       3.9         DIOCTYL DIMETHYL AMMONIUM CHLORIDE 5538-94-3       2.6         SODIUM METASILICATE 6834-92-0       1 - 5         FRAGRANCE Unknown       0.5 - 1.5	ETHANOL	9016-45-9	1	F 5 1 1 1 2 4 4 4 1 1 1 1 1 1	
DIOCTYL DIMETHYL AMMONIUM CHLORIDE 5538-94-3 2.6  SODIUM METASILICATE				3.9	
SODIUM METASILICATE			어느의 작은 경험하게 밝혀지다.	2.6	
FRAGRANCE Unknown 0.5 - 1.5				10 5학교육 및 경찰자학자를 가려고	
를 통해하다면 하는 사람들이 되면 하면			0.5	1.5	
선생님 사람은 사람들은 사람들은 사람들이 가입하다. 이 사람들이 나는 사람들이 되었다. 그는 그 사람들은 생각을 모르고 있다면 살아왔다. 그는 것 같아 나를 다 먹었다.					
		OTHER OWN		#####################################	

## PHYSICAL DATA

212 F N/D N/D EVAPORATION RATE:... N/D SOLUBILITY IN WATER: ...... complete SP. GRAVITY:. ca. 1.0 Water = 1PERCENT VOLATILE: ..... 65-70 % ca. 40 gms/liter SCAQMD Rule 443.1, calculated ca. 40 gms/liter SCAQMD VOLATILE ORGANICS: ...... VOC LESS H20 & EXEMPT SOLVENT Rule 443.1, calculated ca. 12.6 < 100 CPS VISCOSITY: MELTING POINT .. N/A Liquid, clear; green color; pleasant fragrance. APPEARANCE AND ODOR:

# 3. FIRE AND EXPLOSION HAZARD DATA

133 F T.C.C. FLASH POINT: . FLAMMABLE LIMITS - LEL: ..... FLAMMABLE LIMITS - UEL: .... N/D N/D AUTOIGNITION TEMPERATURE: ... N/D EXTINGUISHING MEDIA: Water, Carbon dioxide, Dry chemical

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# 3. FIRE AND EXPLOSION HAZARD DATA (continued)

SPECIAL FIRE FIGHTING PROCEDURES:

Use fresh air respirator UNUSUAL FIRE AND EXPLOSION HAZARDS:

Stay out of smoke.

NFPA-HAZARD-CODES: HEALTH 2 FIRE 2 REACTIVITY 0 UNUSUAL REACTION HAZARD: None

## 4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
Highly alkaline material. Avoid mixing with strongly acidic
materials. Rapid heating and spattering of mixture may result.

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. In the U.S.A., call (612) 733-1110 or (612) 733-6100 for 24-hour spill assistance. Extinguish all ignition sources. Collect spilled material. Clean up residue with water.

## 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. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

Empty container may be triple-rinsed with water and sanitary landfilled.

## ENVIRONMENTAL DATA:

Not determined.

# REGULATORY INFORMATION:

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable) D002 (Corrosive)

TSCA: All chemicals used in the manufacture of this material are listed on the US TSCA inventory.

# EPCRA HAZARD CLASS:

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

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## 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. The following should be worn alone or in combination, as appropriate, to prevent eye contact: Wear vented goggles. 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: apron, coveralls.

VENTILATION PROTECTION:

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

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.

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# 7. PRECAUTIONARY INFORMATION (continued)

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. Keep away from heat, sparks, open flame, and other sources of ignition. Combustible liquid and vapor.

## OTHER PRECAUTIONARY INFORMATION:

Avoid creasing or impacting side walls.

#### EXPOSURE LIMITS

INGREDIENTS	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER	. 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	그 싫어하다 그
ETHYL ALCOHOL	. 1000	ppm	TWA	ACGIH	
ETHYL ALCOHOL	. 1000	mag	TWA	OSHA	
NONYLPHENOXYPOLY(ETHYLENEOXY)	1964 교육 교육 :				
ETHANOL	. NONE	NONE	NONE	NONE	
DIDECYLDIMETHYLAMMONIUM CHLORIDE		NONE	NONE	NONE	
DIOCTYL DIMETHYL AMMONIUM CHLORIDE	. NONE	NONE	NONE	NONE	
SODIUM METASILICATE	NONE	NONE	NONE	NONE	
FRAGRANCE	. NONE	NONE	NONE		
DYE	. 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
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

# 8. 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.

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## 8. HEALTH HAZARD DATA

### (continued)

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:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

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.

OTHER HEALTH HAZARD INFORMATION:

HMIS: HEALTH=3 /FLAMMABILITY=2 /REACTIVITY=0 /PERSONAL PROTECTION=D

### SECTION CHANGE DATES

HEALTH HAZD. DATA SECTION CHANGED SINCE FEBRUARY 13, 1995 ISSUE

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

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.