

MAY 24 1995

MATERIAL SAFETY
DATA SHEET**3M**

DIVISION: HOME AND COMMERCIAL CARE DIVISION

TRADE NAME:

COMPUBLEND(tm) II BASE Y

3M ID NUMBER/U.P.C.: 61-5000-6963-0 00-48011-14712-3

ISSUED: FEBRUARY 15, 1995

SUPERSEDES: FEBRUARY 15, 1994

DOCUMENT: 11-3762-9

1. INGREDIENT	C.A.S. NO.	PERCENT		
WATER	7732-18-5	60	-	90
SODIUM LAURYL SULFATE	151-21-3	15	-	40
SODIUM LAUROYL SARCOSINATE	137-16-6	10	-	30
2-BUTOXYETHANOL	111-76-2	7	-	13

NOTE: IN CASE OF EMERGENCY: THE NUMBER AT THE TOP OF THIS PAGE PROVIDES 24 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR PART 372:

2-BUTOXYETHANOL

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. 0.9 Water = 1
PERCENT VOLATILE:	ca. 65 %
VOLATILE ORGANICS:	ca. 95 gms/liter SCAQMD Rule 443.1, calculated
VOC LESS H2O & EXEMPT SOLVENT	ca. 95 gms/liter SCAQMD Rule 443.1, calculated
pH:	8.3-9.3
VISCOSITY:	< 100 CPS
MELTING POINT.....	N/A
APPEARANCE AND ODOR:	Liquid, clear; light greenish-yellow color; floral aroma

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:.....	N/A
FLAMMABLE LIMITS - LEL:	N/A
FLAMMABLE LIMITS - UEL:	N/A
AUTOIGNITION TEMPERATURE: ...	N/D
EXTINGUISHING MEDIA:	Water, Carbon dioxide, Dry chemical, Foam
SPECIAL FIRE FIGHTING PROCEDURES:	Not applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS:	No unusual fire or explosion hazards are anticipated.

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

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3. FIRE AND EXPLOSION HAZARD DATA (continued)NFPA-HAZARD-CODES: HEALTH 2 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.**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. 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 containers may be sanitary landfilled.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

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

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6. SUGGESTED FIRST AID (continued)

minutes in a chemical safety shower while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

INHALATION:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

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.

7. PRECAUTIONARY INFORMATION**EYE PROTECTION:**

Avoid eye contact. Wear vented goggles.

SKIN PROTECTION:

Avoid prolonged or repeated 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.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
WATER	NONE	NONE	NONE	NONE	
SODIUM LAURYL SULFATE	NONE	NONE	NONE	NONE	
SODIUM LAUROYL SARCOSINATE	NONE	NONE	NONE	NONE	
2-BUTOXYETHANOL	25	ppm	TWA	ACGIH	Y
2-BUTOXYETHANOL	25	ppm	TWA	OSHA	Y

* 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.

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7. PRECAUTIONARY INFORMATION (CONTINUED)**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

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.

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 similar to those caused by inhalation and/or ingestion.

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.

Blood disorders: signs/symptoms can include prolonged weakness and fatigue.

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

INHALATION:

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

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.

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.

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

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8. HEALTH HAZARD DATA**(continued)**

NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Ingestion may cause:

Blood disorders: signs/symptoms can include prolonged weakness and fatigue.

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

SECTION CHANGE DATES**HEADING****SECTION CHANGED SINCE FEBRUARY 15, 1994 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.