

MATERIAL SAFETY 3M  
 DATA SHEET 3M Center  
 St. Paul, Minnesota  
 55144-1000  
 1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION: HOME AND COMMERCIAL CARE DIVISION

TRADE NAME:

3M CARPET PROTECTOR

ID NUMBER/U.P.C.:

CN-1006-4289-7 - - - CN-1006-4290-5 - - -

CN-1006-4291-3 - - -

ISSUED: December 08, 1997

SUPERSEDES: May 23, 1997

DOCUMENT: 11-6116-5

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER.....	7732-18-5	70 - 75
2-BUTOXYETHANOL.....	111-76-2	15 - 20
FLUOROALIPHATIC ACID SALT.....	Unknown	3 - 8
BORIC ACID.....	10043-35-3	< 1
ETHYLENEDIAMINE TRIACETIC ACID.....	139-89-9	1 - 3
ALIPHATIC SULFATE SODIUM SALT.....	68585-47-7	1 - 3
FRAGRANCE (PROPRIETARY MIXTURE).....	Unknown	< 1

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:..... ca. 88.00 C  
 VAPOR PRESSURE:..... N/D  
 VAPOR DENSITY:..... N/D  
 EVAPORATION RATE:..... N/D  
 SOLUBILITY IN WATER:..... complete  
 SPECIFIC GRAVITY:..... 1.020 Water=1  
 PERCENT VOLATILE:..... ca. 92.00 %  
 pH:..... 8.50 - 8.90  
 VISCOSITY:..... N/D  
 MELTING POINT:..... N/D

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

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2. PHYSICAL DATA (continued)  
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APPEARANCE AND ODOR:

Liquid, clear, amber colored, mild odor

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... 51.70 C TCC

FLAMMABLE LIMITS - LEL:..... N/D

FLAMMABLE LIMITS - UEL:..... N/D

AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Not applicable.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 2 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Protect from freezing. Store above 50 F (49 C).

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Extinguish all ignition sources. Collect spilled material. Clean up residue with water.

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5. ENVIRONMENTAL INFORMATION (continued)  
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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 sanitary landfilled.

ENVIRONMENTAL DATA:

Chemical Oxygen Demand (COD): 0.53 g/g. 5-Day Biochemical Oxygen Demand (BOD5): 0.32 g/g. 14-Day Biochemical Demand (BOD20): 0.39 g/g. 96-Hour LC50, Fathead minnow (*Pimephales promelas*): between 500 ml and 1000 ml/l.  
SCAQMD Rule 443 and 443.1 - Non-photochemically reactive solvent; VOC - 245 g/l; VOC (less water and exempt) = 225 g/l.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/D.  
VOC Less H2O & Exempt Solvents: N/D.

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

EPCRA HAZARD CLASS:

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

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6. SUGGESTED FIRST AID  
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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:

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

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.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

Keep children and pets off treated carpets until it is thoroughly dry.

RECOMMENDED VENTILATION:

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

RESPIRATORY PROTECTION:

Avoid prolonged 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.

Protect from freezing. Store above 50 F (49 C).

FIRE AND EXPLOSION AVOIDANCE:

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

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER.....	NONE	NONE	NONE	NONE	
2-BUTOXYETHANOL.....	25	PPM	TWA	ACGIH	Y
2-BUTOXYETHANOL.....	25	PPM	TWA	OSHA	Y
FLUOROALIPHATIC ACID SALT.....	NONE	NONE	NONE	NONE	
BORIC ACID.....	NONE	NONE	NONE	NONE	
ETHYLENEDIAMINE TRIACETIC ACID.....	NONE	NONE	NONE	NONE	
ALIPHATIC SULFATE SODIUM SALT.....	NONE	NONE	NONE	NONE	
FRAGRANCE (PROPRIETARY MIXTURE).....	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

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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- OSHA: Occupational Safety and Health Administration					
- NONE: None Established					
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8. HEALTH HAZARD DATA

EYE CONTACT:

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

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

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:

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

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.

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:

Ingestion may cause:

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

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.

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SECTION CHANGE DATES  
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ENVIRONMENTAL INFO. SECTION CHANGED SINCE May 23, 1997                      ISSUE

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