

3M General Offices
 3M Center
 St. Paul, Minnesota 55144-1000
 612/733 1110

00-96
 1833

Duns No.: 00-617-3082

MATERIAL SAFETY
 DATA SHEET



DIVISION: Building Service & Cleaning Products
 TRADE NAME:
 3M Brand Carpet Spray Cleaner
 3M I.D. NUMBER: XN-1014-3537-0 XT-0614-6855-6 61-5000-1098-0

ISSUED: APRIL 19, 1989
 SUPERSEDES: MARCH 1, 1989
 DOCUMENT: 10-2824-0

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
Water	7732-18-0	83.0 - 88.0	NONE	NONE	NONE	NONE
2-Butoxyethanol	111-76-2	5.0 - 6.0	25	ppm	TWA	ACGIH
Fluoroaliphatic acid salt (N.J. trade secret registry 04499600-5170P)	T.S.	1.0 - 2.0	NONE	NONE	NONE	OSHA
Styrene maleic anhydride resin ammonium salt	26022-09-3	1.0 - 2.0	NONE	NONE	NONE	OSHA
Isopropyl alcohol	67-63-0	1.0 - 2.0	400	ppm	TWA	ACGIH

SOURCE OF EXPOSURE LIMIT DATA:
 - ACGIH: American Conference of Governmental Industrial Hygienists
 - OSHA: Occupational Safety and Health Administration
 - NONE: None Established

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:
 2-Butoxyethanol

2. PHYSICAL DATA

BOILING POINT:..... 212.00 F
 VAPOR PRESSURE:..... N/D
 VAPOR DENSITY: N/D
 EVAPORATION RATE:..... N/D
 SOLUBILITY IN WATER: complete
 SP. GRAVITY:..... 1.010 Water = 1
 PERCENT VOLATILE: 88.00-95.00 %
 VOLATILE ORGANICS: N/D
 pH: 9.20
 VISCOSITY: N/D
 APPEARANCE AND ODOR: Clear, liquid, slight ammonia odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 147.00 F T.C.C.
 FLAMMABLE LIMITS - LEL: N/D
 FLAMMABLE LIMITS - UEL: N/D
 AUTOIGNITION TEMPERATURE: ... N/D
 EXTINGUISHING MEDIA:
 Water, carbon dioxide, foam, dry chemical.
 SPECIAL FIRE FIGHTING PROCEDURES:
 None
 UNUSUAL FIRE AND EXPLOSION HAZARDS:
 None
 NFPA-HAZARD-CODES: HEALTH 1 FIRE 2 REACTIVITY 0
 UNUSUAL REACTION HAZARD: NONE

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

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4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
N/A
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
CO, carbon dioxide and smoke particles.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Extinguish all ignition sources. Collect spilled material. Clean up residue with water.

RECOMMENDED DISPOSAL:

Discharge spent solutions and small product quantities to a wastewater treatment system. Reduce discharge rate if foaming occurs. Empty container may be sanitary landfilled. Since regulations vary, consult applicable regulations or authorities before disposal.

ENVIRONMENTAL DATA:

N/D

SARA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with plenty of water. Continue for 10 minutes holding eyelids open. Call a physician.

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

Remove person to fresh air.

IF SWALLOWED:

Do not induce vomiting. Immediately call a physician.

OTHER FIRST AID:

NONE

7. PRECAUTIONARY INFORMATION

Keep away from heat, sparks and flame. Prevent eye contact. Avoid prolonged or repeated breathing of vapors and spray during cleaning operation. Avoid prolonged and repeated skin contact. Keep out of reach of children.

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

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7. PRECAUTIONARY INFORMATION (continued)**ADDITIONAL EXPOSURE LIMITS**

INGREDIENTS	EXPOSURE		LIMITS	
	VALUE	UNIT	TYPE	AUTH
2-Butoxyethanol	120	mg/m3	TWA	ACGIH
2-Butoxyethanol	25	ppm	TWA	OSHA
2-Butoxyethanol	120	mg/m3	TWA	OSHA
Isopropyl alcohol	980	mg/m3	TWA	ACGIH
Isopropyl alcohol	500	ppm	STEL	ACGIH
Isopropyl alcohol	1225	mg/m3	STEL	ACGIH
Isopropyl alcohol	400	ppm	TWA	OSHA
Isopropyl alcohol	980	mg/m3	TWA	OSHA
Isopropyl alcohol	500	ppm	STEL	OSHA
Isopropyl alcohol	1225	mg/m3	STEL	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

8. HEALTH HAZARD DATA

EYE CONTACT: May cause irritation.

SKIN CONTACT: No toxic effects expected. 2-Butoxyethanol may be absorbed through the skin and may cause blood changes based on animal studies.

INHALATION: May cause respiratory system irritation and temporary nervous system impairment.

INGESTION: May produce gastrointestinal irritation. Symptoms may include headache, abdominal pain, nausea, vomiting and weakness. 2-Butoxyethanol may cause blood changes based on animal studies.

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 product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

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