

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
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DIVISION: STATIONERY & OFFICE SUPPLIES

TRADE NAME:

3M Brand Keyboard Cleaner #674

ID NUMBER/U.P.C.:

56-0536-7086-7 - - - 70-0706-7053-7 00-21200-71981-3
 70-0710-9750-8 - - - FM-5100-1645-0 - - -

ISSUED: August 01, 2001

SUPERSEDES: June 05, 2000

DOCUMENT: 07-5122-2

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER.....	7732-18-5	93.5
2-BUTOXYETHANOL.....	111-76-2	2.5
BENZYL ALCOHOL.....	100-51-6	2.0
TRISODIUM PHOSPHATE.....	7601-54-9	1.5

The components of this product are in compliance with the chemical
 notification requirements of TSCA.

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

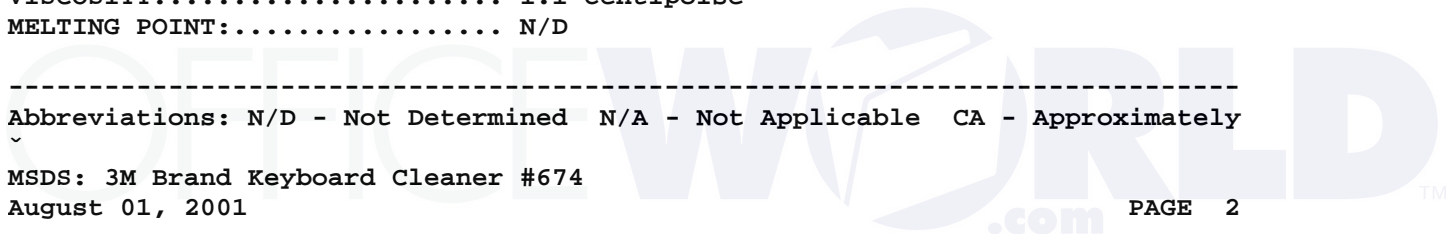
2. PHYSICAL DATA

BOILING POINT:..... 210 - 225 F
 VAPOR PRESSURE:..... 16 mmHg
 VAPOR DENSITY:..... N/D
 EVAPORATION RATE:..... < 1 BuOAc=1
 SOLUBILITY IN WATER:..... complete 100 %
 SPECIFIC GRAVITY:..... 1 Water=1
 PERCENT VOLATILE:..... N/D
 pH:..... 7.5
 VISCOSITY:..... 1.1 centipoise
 MELTING POINT:..... N/D

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

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2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:

Not determined, Aqueous solution, slightly sweet odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE:..... N/A

EXTINGUISHING MEDIA:

Water spray, Carbon dioxide, Dry chemical, Alcohol-type foam, Non-combustible. Choose material suitable for surrounding fire.

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.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Not applicable.

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

OSHA FIRE HAZARD CLASS: Not applicable

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

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5. ENVIRONMENTAL INFORMATION



SPILL RESPONSE:

Observe precautions from other sections. Ventilate area. Contain spill. Cover with absorbent material. Collect spilled material. Clean up residue with water. Place in a closed container.

RECOMMENDED DISPOSAL:

Discharge spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

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

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).

EPCRA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

No need for first aid is anticipated.

IF SWALLOWED:

No need for first aid is anticipated.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact with vapor, spray, or mist.

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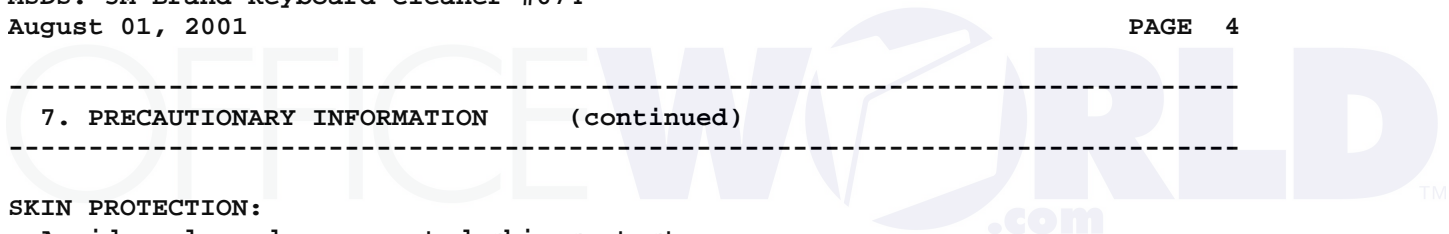
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7. PRECAUTIONARY INFORMATION (continued)

SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

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RECOMMENDED VENTILATION:

Not applicable.

RESPIRATORY PROTECTION:

Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:

Not applicable.

RECOMMENDED STORAGE:

Not applicable.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

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	OSHAV	Y
	OSHA VACATED PEL				
2-BUTOXYETHANOL.....	50	PPM	TWA	OSHA	Y
BENZYL ALCOHOL.....	10	PPM	TWA	AIHA	
TRISODIUM PHOSPHATE.....	5	MG/M3	TWA	AIHA	
	15 MINUTES TWA				

* 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 Guideline
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL. Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- NONE: None Established

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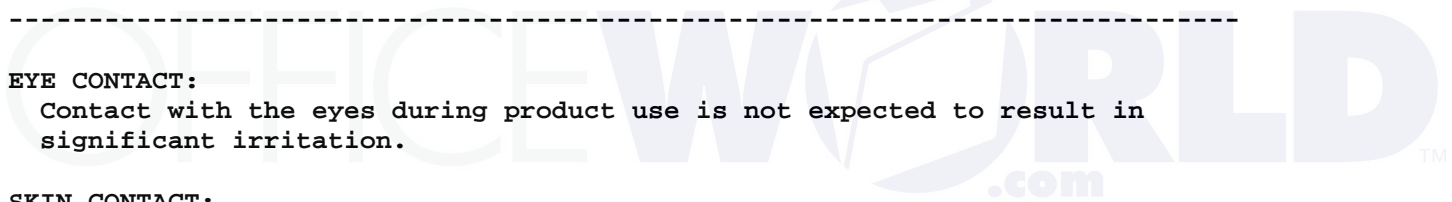
8. HEALTH HAZARD DATA

EYE CONTACT:

Contact with the eyes during product use is not expected to result in significant irritation.

SKIN CONTACT:

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Contact with the skin during product use is not expected to result in significant irritation.

INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

No adverse health effects are expected from swallowing.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE June 05, 2000	ISSUE
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