

MATERIAL SAFETY DATA SHEET 3M  
3M Center  
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DIVISION: STATIONERY & OFFICE SUPPLIES

TRADE NAME:

#675 3M Screen Cleaner, #676 3M Overhead Cleaner, #677 3M Photocopier Glass Cleaner

ID NUMBER/U.P.C.:

56-0536-7087-5	-	-	-	56-0536-7088-3	-	-	-
56-0536-7089-1	-	-	-	70-0160-5922-5	00-21200-70557-1		
70-0160-6949-7	00-21200-72582-1			70-0160-7197-2	00-21200-72731-3		
70-0705-6877-2	00-21200-71694-2			70-0705-6878-0	00-21200-71695-9		
70-0710-9749-0	-	-	-	84-9802-1517-6	-	-	-
84-9802-1535-8	00-51111-46816-6			FM-5100-1646-8	-	-	-

ISSUED: August 30, 2001

SUPERSEDES: August 01, 2001

DOCUMENT: 06-1012-1

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER.....	7732-18-5	88 - 95
2-BUTOXYETHANOL.....	111-76-2	5 - 10
SILICONE.....	68938-54-5	0 - 1
ACETIC ACID.....	64-19-7	< 1

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:..... 212 F  
VAPOR PRESSURE:..... 17.3 mmHg  
VAPOR DENSITY:..... 1.2 Air=1  
EVAPORATION RATE:..... ca. 0.3 BuOAc=1  
SOLUBILITY IN WATER:..... 100 %  
SPECIFIC GRAVITY:..... 0.99 Water=1

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

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2. PHYSICAL DATA (continued)  
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PERCENT VOLATILE:..... 100 %  
pH:..... 4  
VISCOSITY:..... < 1 centistoke  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Liquid, Clear liquid with a "green apple" odor

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:..... N/A

EXTINGUISHING MEDIA:

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:

See Hazardous Decomposition section for products of combustion.

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

OSHA FIRE HAZARD CLASS: Not applicable

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

MSDS: #675 3M Screen Cleaner, #676 3M Overhead Cleaner, #677 3M Photocopier  
Glass Cleaner

August 30, 2001

PAGE 3

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:

Observe precautions from other sections. Ventilate area. Contain spill. Collect spilled material. Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

Flush spent solutions and small quantities (less than 5 gal. (19 L)) to a wastewater treatment system. For larger quantities: Incinerate in an industrial or commercial facility.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/D.

VOC Less H<sub>2</sub>O & Exempt Solvents: N/D.

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

EPCRA HAZARD CLASS:

FIRE HAZARD: No 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:

Wash affected area with soap and water.

INHALATION:

No need for first aid is anticipated.

IF SWALLOWED:

Drink two glasses of water. Call a physician.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:

Avoid eye contact.

7. PRECAUTIONARY INFORMATION (continued)

SKIN PROTECTION:  
 Not applicable.

RECOMMENDED VENTILATION:  
 Not applicable.

RESPIRATORY PROTECTION:  
 Avoid breathing of vapors.

PREVENTION OF ACCIDENTAL INGESTION:  
 Do not ingest.

RECOMMENDED STORAGE:  
 Keep out of the reach of children.

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
SILICONE.....	NONE	NONE	NONE	NONE	
ACETIC ACID.....	10	PPM	TWA	ACGIH	
ACETIC ACID.....	15	PPM	STEL	ACGIH	
ACETIC ACID.....	10	PPM	TWA	OSHA	

\* 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
- 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.

MSDS: #675 3M Screen Cleaner, #676 3M Overhead Cleaner, #677 3M Photoco  
Glass Cleaner  
August 30, 2001

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8. HEALTH HAZARD DATA  
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EYE CONTACT:

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

SKIN CONTACT:

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

May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.

INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

Gastrointestinal Effects: signs/symptoms generally will include abdominal 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.

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SECTION CHANGE DATES  
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MSDS: #675 3M Screen Cleaner, #676 3M Overhead Cleaner, #677 3M Photocopier  
Glass Cleaner  
August 30, 2001

PAGE 6

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