

95160

MATERIAL SAFETY
 DATA SHEET



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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.:	FM-5100-1646-8	-	-	-	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		

ISSUED: AUGUST 30, 2001
SUPERSEDES: AUGUST 1, 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

NOTE: 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 Butyl Acetate = 1
SOLUBILITY IN WATER:	100 %
SP. GRAVITY:	0.99 Water = 1
PERCENT VOLATILE:	100 %
pH:	4
VISCOSITY:	< 1 centistokes
MELTING POINT:	N/D
APPEARANCE AND ODOR:	Liquid, Clear liquid with a "green apple" odor

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3. FIRE AND EXPLOSION HAZARD DATAFLASH 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

4. REACTIVITY DATA**STABILITY:** Stable**INCOMPATIBILITY - MATERIALS TO AVOID:**

None known.

HAZARDOUS POLYMERIZATION: Will Not Occur**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION**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 H₂O & 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).

3M General Offices

3M Center
St. Paul, MN 55144-1000
1-800-364-3577 or (651) 737-6501 (24 hours)

02-31
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5. ENVIRONMENTAL INFORMATION (continued)

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. 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.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

Not applicable.

VENTILATION PROTECTION:

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

INGREDIENTS	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER	NONE	NONE	NONE	NONE	
2-BUTOXYETHANOL	25	ppm	TWA	ACGIH	Y
2-BUTOXYETHANOL	25	ppm	TWA	OSHA	Y

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



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7. PRECAUTIONARY INFORMATION (continued)

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
	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.
- NONE: None Established

8. HEALTH HAZARD DATA

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 similiar 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

PHYSICAL DATA **SECTION CHANGED SINCE** **AUGUST 1, 2001 ISSUE**

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

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