

# 1  
Ready-to-Use

3M General Offices

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

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MATERIAL SAFETY  
DATA SHEET

3M

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DIVISION: COMMERCIAL CARE DIVISION

TRADE NAME:

3M BRAND GLASS CLEANER Ready-to-Use  
(Product No. 1, Twist 'n Fill (tm) System)

ISSUED: MAY 30, 2000  
SUPERSEDES: APRIL 10, 2000  
DOCUMENT: 08-2583-6

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER	7732-18-5	> 95
1-PROPOXY-2-PROPANOL	1569-01-3	0.5 - 1.5

NOTE: IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.

2. PHYSICAL DATA

BOILING POINT: ca. 200 F  
VAPOR PRESSURE: N/D  
VAPOR DENSITY: N/D  
EVAPORATION RATE: N/D  
SOLUBILITY IN WATER: complete  
SP. GRAVITY: ca. 1.0 Water = 1  
PERCENT VOLATILE: ca. 100 %  
pH: ca. 10  
VISCOSITY: < 50 CPS  
MELTING POINT: N/D  
APPEARANCE AND ODOR: Liquid, clear, light aqua blue color. Apple odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: > 200 F  
FLAMMABLE LIMITS - LEL: N/D  
FLAMMABLE LIMITS - UEL: N/D  
AUTOIGNITION TEMPERATURE: N/D  
EXTINGUISHING MEDIA:  
Water spray, Carbon dioxide, Dry chemical, Foam  
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 determined.

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

NFPA HAZARD CODES: HEALTH: 1 FIRE: 1 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none  
OSHA FIRE HAZARD CLASS: Class IIIB Combustible Liquid

4. REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY - MATERIALS TO AVOID:  
Strong Oxidizing Agents.  
HAZARDOUS POLYMERIZATION: Will Not Occur  
HAZARDOUS DECOMPOSITION PRODUCTS:  
Carbon Monoxide and Carbon Dioxide, Aldehydes.

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:

Flush spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Reduce discharge rate if foaming occurs. Incinerate large quantities in an industrial or commercial incinerator.

ENVIRONMENTAL DATA:

A Product Environmental Data Sheet (PED) is available.

See MSDS for product concentrate.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 1.5 %  
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).

TSCA: All components used in the manufacture of this material are in compliance with the US TSCA inventory.

EPCRA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

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

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6. SUGGESTED FIRST AID (continued)

**SKIN CONTACT:**  
Flush skin with large amounts of water. If irritation persists, get medical attention.

**INHALATION:**  
If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

**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.

7. PRECAUTIONARY INFORMATION

**EYE PROTECTION:**  
Avoid eye contact. Avoid eye contact with vapor, spray, or mist.

**SKIN PROTECTION:**  
Avoid prolonged or repeated skin contact.

**VENTILATION PROTECTION:**  
Use in a well-ventilated area. Use with adequate dilution ventilation.

**RESPIRATORY PROTECTION:**  
Avoid breathing of vapors, mists or spray.

**PREVENTION OF ACCIDENTAL INGESTION:**  
Wash hands after handling and before eating.

**RECOMMENDED STORAGE:**  
Store away from heat. Keep container in well-ventilated area. Keep out of the reach of children.

**FIRE AND EXPLOSION AVOIDANCE:**  
Keep container tightly closed.

**OTHER PRECAUTIONARY INFORMATION:**  
NOTE: The above precautionary information presumes that this ready-to-use product has been diluted and dispensed from a TWIST'n FILL (tm) Chemical Dispenser.

HMIS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0  
PERSONAL PROTECTION: X (See precautions, section 7.)

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7. PRECAUTIONARY INFORMATION (CONTINUED)

INGREDIENTS	EXPOSURE LIMITS		TYPE AUTH	SKIN*
	VALUE	UNIT		
WATER .....	NONE	NONE	NONE	NONE
1-PROPOXY-2-PROPANOL .....	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:  
- NONE: None Established

8. HEALTH HAZARD DATA

**EYE CONTACT:**  
Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

**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 similar to those caused by inhalation and/or ingestion.

**INHALATION:**  
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.

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

**IF SWALLOWED:**  
Ingestion is not a likely route of exposure to this product.

Gastrointestinal Effects: signs/symptoms generally will include abdominal pain.

Ingestion may cause:

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

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SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE APRIL 10, 2000 ISSUE

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