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MATERIAL SAFETY
DATA SHEET**3M**

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DIVISION: HOME AND COMMERCIAL CARE DIVISION

TRADE NAME:

3M Brand PHENOLIC DISINFECTANT CLEANER Ready-to-Use
(Product No. 18, Twist 'n Fill (tm) System)

ISSUED: DECEMBER 5, 1996
SUPERSEDES: AUGUST 21, 1996
DOCUMENT: 07-3146-3

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER	7732-18-5	> 99
ETHYLENE GLYCOL	107-21-1	< 0.1
O-BENZYL-P-CHLOROPHENOL	120-32-1	< 0.1
O-PHENYLPHENOL	90-43-7	< 0.1

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

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:

ETHYLENE GLYCOL
O-PHENYLPHENOL

2. PHYSICAL DATA
BOILING POINT:..... 212 F
VAPOR PRESSURE:..... N/D
VAPOR DENSITY:..... N/D
EVAPORATION RATE:..... 1 Water = 1
SOLUBILITY IN WATER:..... complete
SP. GRAVITY:..... ca. 1 Water = 1
PERCENT VOLATILE:..... ca. 99 %
pH:..... ca. 10
VISCOSITY:..... < 100 CPS
MELTING POINT..... N/A
APPEARANCE AND ODOR: Liquid, clear; essentially colorless.

3. FIRE AND EXPLOSION HAZARD DATA
FLASH POINT:..... NONE
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE: ... N/A

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

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

EXTINGUISHING MEDIA:

Non-combustible. Choose material suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES:

Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Not applicable.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0

UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable**INCOMPATIBILITY - MATERIALS TO AVOID:**

None known.

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

Not applicable.

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. For larger quantities: Incinerate in an industrial or commercial facility in the presence of a combustible material.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: < 1 %.

VOC Less H2O & Exempt Solvents: < 1 %.

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).

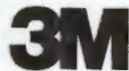
EPCRA HAZARD CLASS:

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

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6. SUGGESTED FIRST AID

(continued)

medical attention.

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

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

IF SWALLOWED:

Call a physician IMMEDIATELY. If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

7. PRECAUTIONARY INFORMATION**EYE PROTECTION:**

Avoid eye contact with vapor, spray, or mist.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

VENTILATION PROTECTION:

Provide ventilation adequate to control vapor concentrations below recommended exposure limits and/or control spray or mist.

RESPIRATORY PROTECTION:

Avoid prolonged breathing of spray or mists.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

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: 0 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	
ETHYLENE GLYCOL	50	ppm	CEIL	OSHA	
ETHYLENE GLYCOL	39.4	ppm	CEIL	ACGIH	
		as aerosol			
O-BENZYL-P-CHLOROPHENOL	NONE	NONE	NONE	NONE	
O-PHENYLPHENOL	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:

- ACGIH: American Conference of Governmental Industrial Hygienists
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level
- OSHA: Occupational Safety and Health Administration
- 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.

INHALATION:

Prolonged or repeated exposure may cause:

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.

SECTION CHANGE DATES

PRECAUT. INFO. SECTION CHANGED SINCE AUGUST 21, 1996 ISSUE

HEALTH HAZD. DATA SECTION CHANGED SINCE AUGUST 21, 1996 ISSUE

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