

PP

MATERIAL SAFETY  
DATA SHEET



Copyright, 1996, Minnesota Mining and Manufacturing Company.  
All rights reserved. Copying and/or downloading of this information for  
the purpose of properly utilizing 3M products is allowed provided that:  
1) the information is copied in full with no changes unless prior agreement  
is obtained from 3M, and  
2) neither the copy nor the original is resold or otherwise distributed with  
the intention of earning a profit thereon.

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

MATERIAL SAFETY  
DATA SHEET

MSDS: 3M Brand PHENOLIC DISINFECTANT CLEANER Ready-to-Use .....  
(Product No. 18, Twist 'n Fill (tm) System)  
DECEMBER 5, 1996

PAGE: 2 of 5

---

**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

MATERIAL SAFETY  
DATA SHEET**3M**

MSDS: 3M Brand PHENOLIC DISINFECTANT CLEANER Ready-to-Use .....  
(Product No. 18, Twist 'n Fill (tm) System)  
DECEMBER 5, 1996

PAGE: 3 of 5

**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.)

MATERIAL SAFETY  
DATA SHEETMSDS: 3M Brand PHENOLIC DISINFECTANT CLEANER Ready-to-Use .....  
(Product No. 18, Twist 'n Fill (tm) System)  
DECEMBER 5, 1996

PAGE: 4 of 5

**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

MATERIAL SAFETY  
DATA SHEET



---

MSDS: 3M Brand PHENOLIC DISINFECTANT CLEANER Ready-to-Use .....  
(Product No. 18, Twist 'n Fill (tm) System)  
DECEMBER 5, 1996

PAGE: 5 of 5

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

---

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3M provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the MSDS available directly from 3M.