

# 16  
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 SANITIZER Ready-to-Use .....  
(Product No. 16, Twist 'n Fill (tm) System)

ISSUED: JUNE 26, 2000

SUPERSEDES: FEBRUARY 27, 1998

DOCUMENT: 06-6876-4

| 1. INGREDIENT                                                        | C.A.S. NO. | PERCENT |
|----------------------------------------------------------------------|------------|---------|
| WATER .....                                                          | 7732-18-5  | > 99    |
| DIDECYLDIMETHYLAMMONIUM CHLORIDE .....                               | 7173-51-5  | < 0.1   |
| QUATERNARY AMMONIUM COMPOUNDS,<br>ALKYLBENZYLDIMETHYLCHLORIDES ..... | 8001-54-5  | < 0.1   |

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: ..... 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. 7  
VISCOSITY: ..... < 100 CPS  
MELTING POINT: ..... N/A  
APPEARANCE AND ODOR: Liquid, clear; essentially colorless.

## 3. FIRE AND EXPLOSION HAZARD DATA

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:  
Not applicable  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
Not applicable.

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

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## 3. FIRE AND EXPLOSION HAZARD DATA (continued)

NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none  
OSHA FIRE HAZARD CLASS: Not applicable

## 4. REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY - MATERIALS TO AVOID:  
Not applicable.  
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. Incinerate large quantities in an industrial or commercial incinerator. Combustion products will include HCl.

## ENVIRONMENTAL DATA:

A Product Environmental Data Sheet (PED) is available.

## REGULATORY INFORMATION:

Volatile Organic Compounds: < 1 %  
VOC Less H2O & Exempt Solvents: < 1 %.

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: No CHRONIC: No

## 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:

If signs/symptoms occur, remove person to fresh air. If

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## **6. SUGGESTED FIRST AID (continued)**

signs/symptoms continue, call a physician.

### **IF SWALLOWED:**

Do not induce vomiting. Drink two glasses of water. Call a physician.

## **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.

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

| INGREDIENTS                                                   | EXPOSURE LIMITS |      | VALUE | UNIT | TYPE AUTH | SKIN* |
|---------------------------------------------------------------|-----------------|------|-------|------|-----------|-------|
|                                                               | VALUE           | UNIT |       |      |           |       |
| WATER                                                         | NONE            | NONE | NONE  | NONE | NONE      | NONE  |
| DIDECYLDIMETHYLAMMONIUM CHLORIDE                              | NONE            | NONE | NONE  | NONE | NONE      | NONE  |
| QUATERNARY AMMONIUM COMPOUNDS,<br>ALKYLBENZYLDMETHYLCHLORIDES | NONE            | NONE | 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.

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## **7. PRECAUTIONARY INFORMATION (CONTINUED)**

### **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:**

No adverse health effects are expected from skin contact.

### **INHALATION:**

No adverse health effects are expected from inhalation exposure.

### **IF SWALLOWED:**

Ingestion is not a likely route of exposure to this product.

No adverse health effects are expected from swallowing.

## **SECTION CHANGE DATES**

### **HEADING**

SECTION CHANGED SINCE FEBRUARY 27, 1998 ISSUE

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