

MATERIAL SAFETY  
DATA SHEET**3M**

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DIVISION: HOME AND COMMERCIAL CARE DIVISION

TRADE NAME:

3M Brand SANITIZER Ready-to-Use .....  
(Product No. 16, Twist 'n Fill (tm) System)

ISSUED: DECEMBER 6, 1996

SUPERSEDES: AUGUST 19, 1996

DOCUMENT: 06-6876-4

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER .....	7732-18-5	> 99
DIDECYLDIMETHYLAMMONIUM CHLORIDE .....	7173-51-5	< 0.1
ALKYLDIMETHYLBENZYL AMMONIUM CHLORIDE .....	8001-54-5	< 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.

## 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

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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:  
Hydrogen Chloride. 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.

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

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
WATER .....	NONE	NONE	NONE	NONE	
DIDECYLDIMETHYLAMMONIUM CHLORIDE .....	NONE	NONE	NONE	NONE	
ALKYLDIMETHYLBENZYL AMMONIUM CHLORIDE .....	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)**

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SOURCE OF EXPOSURE LIMIT DATA:  
- NONE: None Established

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**8. HEALTH HAZARD DATA**

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**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.

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**SECTION CHANGE DATES**

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HEADING	SECTION CHANGED SINCE	AUGUST 19, 1996 ISSUE
ENVIRON. DATA	SECTION CHANGED SINCE	AUGUST 19, 1996 ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	AUGUST 19, 1996 ISSUE
HEALTH HAZD. DATA	SECTION CHANGED SINCE	AUGUST 19, 1996 ISSUE

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