

MIN 08782

MATERIAL SAFETY 3M  
DATA SHEET 3M Center  
St. Paul, Minnesota  
55144-1000  
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DIVISION: COMMERCIAL CARE DIVISION

TRADE NAME:

3M BRAND DISINFECTANT CLEANER

ISSUED: March 08, 2000

SUPERSEDES: December 08, 1997

DOCUMENT: 11-3748-8

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER.....	7732-18-5	65.0 - 75.0
ALKYL (C-14 50%, C-12 40%, C-16 10%)		
DIMETHYL BENZYL AMMONIUM CHLORIDE.....	68424-85-1	8.7
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE..	32426-11-2	6.5
NONYLPHENOXYPOLY(ETHYLENEOXY) ETHANOL...	9016-45-9	3.0 - 5.0
ETHYL ALCOHOL.....	64-17-5	3.0 - 5.0
ETHYLENEDIAMINETETRAACETIC ACID,		
TETRASODIUM SALT.....	64-02-8	3.0 - 5.0
DIOCTYL DIMETHYL AMMONIUM CHLORIDE.....	5538-94-3	3.3
DIDECYL DIMETHYL AMMONIUM CHLORIDE.....	7173-51-5	3.3
SODIUM METASILICATE.....	6834-92-0	1.0 - 2.0

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:..... 212.00 F  
VAPOR PRESSURE:..... N/D  
VAPOR DENSITY:..... N/D  
EVAPORATION RATE:..... N/D  
SOLUBILITY IN WATER:..... complete  
SPECIFIC GRAVITY:..... ca. 1.000 Water=1  
PERCENT VOLATILE:..... ca. 70.00 %  
pH:..... 12.30  
5  
VISCOSITY:..... N/D  
MELTING POINT:..... N/D

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

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2. PHYSICAL DATA (continued)  
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APPEARANCE AND ODOR:

Liquid, clear, solvent odor

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... 56.00 C  
FLAMMABLE LIMITS - LEL:..... N/D  
FLAMMABLE LIMITS - UEL:..... N/D  
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Use fresh air respirator.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Stay out of smoke.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 2 REACTIVITY: 0

UNUSUAL REACTION HAZARD: none

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Collect spilled material. Clean up residue with water.

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5. ENVIRONMENTAL INFORMATION (continued)  
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RECOMMENDED DISPOSAL:

Discharge spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Flush spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Reduce discharge rate if foaming occurs. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

Empty container may be sanitary landfilled.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 4.00 gms/liter.  
VOC Less H2O & Exempt Solvents: N/D.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = D002 (Corrosive)

EPCRA HAZARD CLASS:

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

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6. SUGGESTED FIRST AID  
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EYE CONTACT:

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT:

Immediately flush skin with large amounts of water for at least 15 minutes in a chemical safety shower while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

INHALATION:

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

IF SWALLOWED:

If swallowed, do NOT induce vomiting. Give victim two glasses of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

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6. SUGGESTED FIRST AID (continued)  
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OTHER FIRST AID INFORMATION:

Measures against circulatory shock, respiratory depression, and convulsion may be needed.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:

Avoid eye contact. Wear vented goggles. Wear full-face shield.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber. Use one or more of the following personal protection items as necessary to prevent skin contact: apron, coveralls.

RECOMMENDED VENTILATION:

Not applicable.

RESPIRATORY PROTECTION:

Avoid prolonged breathing of spray or mists.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

Avoid contamination of food.

RECOMMENDED STORAGE:

Store away from areas where product may come into contact with food or pharmaceuticals. Do not store containers on their sides. Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER.....	NONE	NONE	NONE	NONE	
ALKYL (C-14 50%, C-12 40%, C-16 10%) DIMETHYL BENZYL AMMONIUM CHLORIDE.....	NONE	NONE	NONE	NONE	
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE.....	NONE	NONE	NONE	NONE	
NONYLPHENOXYPOLY (ETHYLENEOXY)					

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

EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ETHANOL.....	NONE	NONE	NONE	NONE	
ETHYL ALCOHOL.....	1000	PPM	TWA	ACGIH	
ETHYL ALCOHOL.....	1000	PPM	TWA	OSHA	
ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT.....	NONE	NONE	NONE	NONE	
DIOCTYL DIMETHYL AMMONIUM CHLORIDE...	NONE	NONE	NONE	NONE	
DIDECYL DIMETHYL AMMONIUM CHLORIDE...	NONE	NONE	NONE	NONE	
SODIUM METASILICATE.....	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
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Chemical Related Eye Burns (chemical corrosivity): signs/symptoms can include cloudy appearance of the cornea, chemical burns, pain, tearing, ulcers, impaired vision or loss of vision.

SKIN CONTACT:

Skin Burns (chemical corrosivity): signs/symptoms can include redness, swelling, itching, pain, blistering, ulceration, sloughing, and scar formation.

May be absorbed through the skin and produce effects similiar to those caused by inhalation and/or ingestion.

INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

Harmful or fatal if swallowed.

Damage to Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, nausea, abdominal tenderness, burns of mouth, difficulty swallowing, blood in vomitus, blood in feces, and ulceration.

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SECTION CHANGE DATES  
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INGREDIENTS                      SECTION CHANGED SINCE December 08, 1997    ISSUE

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