

3M General Offices

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

Duns No.: 00-617-3082

**MATERIAL SAFETY
DATA SHEET**



DIVISION: Building Service & Cleaning Products

TRADE NAME:

3M Brand Disinfectant Cleaner

3M I.D. NUMBER: 61-5000-3764-5 61-5000-3765-2 61-5000-3766-0

ISSUED: MAY 24, 1988

SUPERSEDES: MAY 21, 1987

DOCUMENT: 10-9278-2

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
Octyl decyl dimethyl ammonium chloride	68424-95-3	6.5 - 0.0	NONE	NONE	NONE	NONE
Dioctyl dimethyl ammonium chloride	68424-95-3	3.3 - 0.0	NONE	NONE	NONE	NONE
Didecyl dimethyl ammonium chloride	68424-95-3	3.3 - 0.0	NONE	NONE	NONE	NONE
Alkyl (C-14 50%, C-12 40%, C-16 10%) dimethyl benzyl ammonium chloride	68424-85-1	8.7 - 0.0	NONE	NONE	NONE	NONE
Ethyl alcohol	64-17-5	3.0 - 5.0	1000	ppm	TWA	ACGIH
Sodium metasilicate	6834-92-0	1.0 - 2.0	NONE	NONE	NONE	NONE
Detergent (non-hazardous)	NONE	5.0 - 7.0	NONE	NONE	NONE	NONE
Chelating agent (non-hazardous)	NONE	3.0 - 5.0	NONE	NONE	NONE	NONE
Water	7732-18-5	65.0 - 70.0	NONE	NONE	NONE	NONE

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- NONE: None Established

2. PHYSICAL DATA

BOILING POINT:..... 212.00 F
 VAPOR PRESSURE:..... N/D
 VAPOR DENSITY:..... N/D
 EVAPORATION RATE:..... N/D
 SOLUBILITY IN WATER:..... complete
 SP. GRAVITY:..... ca. 1.000 Water = 1
 PERCENT VOLATILE:..... ca. 70.00 %
 VOLATILE ORGANICS:..... ca. 4.00 gm/l
 pH:..... 12.30
 VISCOSITY:..... N/D
 APPEARANCE AND ODOR: Clear, thin liquid, solvent odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 133.00 F T.C.C.
 FLAMMABLE LIMITS - LEL:..... N/D
 FLAMMABLE LIMITS - UEL:..... N/D
 AUTOIGNITION TEMPERATURE: ... N/D
 EXTINGUISHING MEDIA:
 Water, carbon dioxide, foam, dry chemical
 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

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

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4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, carbon dioxide, smoke particles.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Extinguish all ignition sources. Bleed small spills (< 5 gal.) to a wastewater treatment system. For larger spills, collect spilled material and with absorbent material as needed flush residue to a wastewater treatment system. Clean up residues with water.

RECOMMENDED DISPOSAL:

Bleed spent solutions and small product quantities, less than 5 gallons, to a wastewater treatment system. Mix absorbed and bulk product with flammable materials, and incinerate in an industrial or commercial facility. Empty container may be sanitary landfilled. Since regulations vary, consult applicable regulations or authorities before disposal.

ENVIRONMENTAL DATA:

N/D

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with plenty of water. Continue for 15 minutes holding eyelids open. Call a physician.

SKIN CONTACT:

Wash affected area with soap and water. Remove contaminated clothing and launder before wearing again.

INHALATION:

Remove person to fresh air.

IF SWALLOWED:

Drink promptly large quantities of milk, egg whites, gelatin solution; or if these are not available drink large quantities of water. Avoid alcohol. Call a physician immediately. Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

OTHER FIRST AID:

NONE

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7. PRECAUTIONARY INFORMATION

Hazardous to humans and domestic animals. Keep out of reach of children. Corrosive. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Do not store on side. Avoid creasing or impacting side walls. For sale, for use and storage by maintenance personnel only.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE		LIMITS	
	VALUE	UNIT	TYPE	AUTH
Ethyl alcohol	1900	mg/m3	TWA	ACGIH
Ethyl alcohol	1000	ppm	TWA	OSHA
Ethyl alcohol	1900	mg/m3	TWA	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

8. HEALTH HAZARD DATA

EYE CONTACT: Liquid may be corrosive to the eyes.

SKIN CONTACT: Liquid may be absorbed through the skin to cause toxic effects. May be corrosive to the skin.

INHALATION: None expected.

INGESTION: May be corrosive to the gastrointestinal tract. May cause circulatory shock, respiratory depression, and convulsions.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	MAY 21, 1987	ISSUE
INGREDIENTS	SECTION CHANGED SINCE	MAY 21, 1987	ISSUE

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.