

MATERIAL SAFETY
DATA SHEET

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DIVISION: HOME AND COMMERCIAL CARE DIVISION

TRADE NAME:

3M Brand NON-ACID BATHROOM CLEANER CONCENTRATE

3M ID NUMBER/U.P.C.: 70-0706-3517-5 00-48011-20122-6

ISSUED: AUGUST 28, 1996 (INACTIVE)

SUPERSEDES: JUNE 14, 1995

DOCUMENT: 06-8481-1

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER	7732-18-5	40 - 70
CARBOXYIMIDAZOLIUM SALT	13039-35-5	10 - 30
FRAGRANCE	Unknown	1 - 5
POLYETHYLENE GLYCOL	25322-68-3	1 - 5
DIMETHYLTETRADECYLAMINE OXIDE	3332-27-2	1 - 5

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 MATERIAL.

2. PHYSICAL DATA

BOILING POINT:..... ca. 212 F
 VAPOR PRESSURE:..... N/D
 VAPOR DENSITY:..... N/D
 EVAPORATION RATE:..... N/D
 SOLUBILITY IN WATER:..... complete
 SP. GRAVITY:..... ca. 1.2 Water = 1
 PERCENT VOLATILE:..... ca. 60 %
 pH:..... 9-10
 VISCOSITY:..... < 100 CPS
 MELTING POINT..... N/A
 APPEARANCE AND ODOR: Liquid, clear; dark green color; pleasant fragrance

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... > 200 F
 FLAMMABLE LIMITS - LEL:..... N/A
 FLAMMABLE LIMITS - UEL:..... N/A
 AUTOIGNITION TEMPERATURE: ... N/D
 EXTINGUISHING MEDIA:
 Water, Carbon dioxide, Dry chemical, Foam
 SPECIAL FIRE FIGHTING PROCEDURES:
 Wear full protective clothing, including helmet, self-contained,
 positive pressure or pressure demand breathing apparatus, bunker coat

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

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
No unusual fire or explosion hazards are anticipated.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 1 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:
Carbon Monoxide and Carbon Dioxide.

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:

Flush spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Reduce discharge rate if foaming occurs. 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: ca. 5 %.
VOC Less H2O & Exempt Solvents: N/D.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

TSCA: All components used in the manufacture of this material are in compliance with the US TSCA inventory.

EPCRA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water for at least 15

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6. SUGGESTED FIRST AID (continued)

minutes. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If 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. Avoid eye contact with vapor, spray, or mist. Wear safety glasses with side shields.

** When used as directed, eye contact with this material is not expected to occur.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber, neoprene, nitrile rubber

** When used as directed, skin contact with this material is not expected to occur.

VENTILATION PROTECTION:

Use in a well-ventilated area. Use with adequate dilution ventilation.

** When used as directed, no special ventilation is required.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray.

** When used as directed, respiratory protection is not required.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

OTHER PRECAUTIONARY INFORMATION:

** This material is intended to be diluted only with the 3M Twist 'N

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7. PRECAUTIONARY INFORMATION (continued)

Fill Chemical Dispenser.

INGREDIENTS	EXPOSURE LIMITS		TYPE AUTH	SKIN*
	VALUE	UNIT		
WATER	NONE	NONE	NONE NONE	
CARBOXYIMIDAZOLINIUM SALT	NONE	NONE	NONE NONE	
FRAGRANCE	NONE	NONE	NONE NONE	
POLYETHYLENE GLYCOL	10	mg/m ³	TWA AIHA	
		AS PARTICULATE		
DIMETHYLTETRADECYLAMINE OXIDE	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:

- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level
- NONE: None Established

8. HEALTH HAZARD DATA**EYE CONTACT:**

Severe Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, cloudy appearance of the cornea, impaired vision and possible permanently impaired vision.

SKIN CONTACT:

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

Prolonged or repeated exposure may cause:

Moderate Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, itching, and dryness.

INHALATION:

Single overexposure, above recommended guidelines, 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.

Ingestion may cause:

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8. HEALTH HAZARD DATA (continued)

Gastrointestinal Effects: signs/symptoms generally will include abdominal pain.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	JUNE 14, 1995 ISSUE
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Abbreviations: N/D - Not Determined N/A - Not Applicable

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