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MATERIAL SAFETY  
DATA SHEET



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DIVISION: HOME AND COMMERCIAL CARE DIVISION  
TRADE NAME:  
3M Brand NON-ACID BATHROOM CLEANER (Ready-to-Use)

ISSUED: FEBRUARY 27, 1997  
SUPERSEDES: AUGUST 14, 1996  
DOCUMENT: 05-8144-7

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER .....	7732-18-5	> 95
CARBOXYIMIDAZOLIUM SALT .....	13039-35-5	< 1
FRAGRANCE .....	Unknown	< 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 MATERIAL.

2. PHYSICAL DATA	
BOILING POINT:.....	ca. 210 F
VAPOR PRESSURE:.....	N/D
VAPOR DENSITY:.....	N/D
EVAPORATION RATE:.....	N/D
SOLUBILITY IN WATER: .....	complete
SP. GRAVITY:.....	ca. 1.00 Water = 1
PERCENT VOLATILE: .....	ca. 98 %
pH: .....	8-9
VISCOSITY: .....	< 100 CPS
MELTING POINT.....	N/A
APPEARANCE AND ODOR:	Liquid, clear; light green color; pleasant fragrance

3. FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT:.....	N/A
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:	None known.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	No unusual fire or explosion hazards are anticipated.
NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0	UNUSUAL REACTION HAZARD: none

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**4. REACTIVITY DATA**

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**STABILITY:** Stable  
**INCOMPATIBILITY - MATERIALS TO AVOID:**  
Not applicable.  
**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:**

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. 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: < 12 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 = None (Not U.S. EPA Hazardous).

**EPCRA HAZARD CLASS:**

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

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**6. SUGGESTED FIRST AID**

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**EYE CONTACT:**

Immediately flush eyes with large amounts of water. 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.

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**7. PRECAUTIONARY INFORMATION**

**EYE PROTECTION:**

Avoid eye contact with vapor, spray, or mist. Wear safety glasses with side shields.

**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, neoprene, nitrile rubber.

**VENTILATION PROTECTION:**

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

**RESPIRATORY PROTECTION:**

Avoid breathing of vapors, mists or spray.

**PREVENTION OF ACCIDENTAL INGESTION:**

Wash hands after handling and before eating.

**RECOMMENDED STORAGE:**

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

**FIRE AND EXPLOSION AVOIDANCE:**

Keep container tightly closed.

INGREDIENTS	EXPOSURE LIMITS		TYPE AUTH	SKIN*
	VALUE	UNIT		
WATER .....	NONE	NONE	NONE NONE	
CARBOXYIMIDAZOLINIUM SALT .....	NONE	NONE	NONE NONE	
FRAGRANCE .....	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:**

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

**SKIN CONTACT:**

Mild Skin Irritation (after prolonged or repeated contact):

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**8. HEALTH HAZARD DATA** (continued)

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signs/symptoms can include redness, swelling, and itching.

**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:

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

**OTHER HEALTH HAZARD INFORMATION:**

HMIS: HEALTH=0 /FLAMMABILITY=0 /REACTIVITY=0 /PERSONAL PROTECTION=B

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**SECTION CHANGE DATES**

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HEADING	SECTION CHANGED SINCE	AUGUST 14, 1996 ISSUE
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Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

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