

MIGHTY MAC BRAND

ZERO ACID Bathroom Cleaner

DESCRIPTION

A ready to use non-acid bathroom cleaner that cleans, deodorizes, and disinfects in one easy step. Ideal for floors, walls, countertops, toilets, urinals, fixtures, or wherever cleanliness and germ and odor control are important. This unique product is pseudomonacidal, salmonellacidal, fungicidal, and virucidal. Effective against HIV-1 (AIDS Virus).

DIRECTIONS

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

FOR DISINFECTING: Apply by mop, sponge, cloth, or spray on hard non-porous surfaces for a minimum contact time of ten minutes in a single application. For disinfecting, remove gross food particles and heavy soil deposits, then thoroughly wet surfaces. Ready to use solution may be used once and discarded. Rinsing is not necessary on floor surfaces which are to be waxed or polished.

BATHROOM: Great for cleaning and deodorizing basins, tubs and tiles. Leaves everything bright and clean...kills odor causing household germs. Odors disappear instantly. Use where odors are a problem.

TO CLEAN AND DISINFECT TOILET BOWLS: Remove or expel over the inner trap residual bowl water prior to applying solution. Use 4 ounces of concentrate in toilet bowl. Squeeze around bowl and under rim. Then scrub thoroughly with brush. This product, when used as directed, will not harm white or colored bowls or inanimate hard surfaces. Close cap on container after use. For urinals - add 4 ounces of concentrate, then scrub thoroughly with a brush for a contact time of ten minutes.

MILDEWSTATIC INSTRUCTIONS:

Will effectively inhibit the growth of mold and mildew plus the odors caused by them when applied to hard, non-porous surfaces such as walls, floors, and table tops. Apply solution by spraying, making sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

PRODUCT SPECIFICATIONS

Color:	Blue
Odor:	Fresh
Base:	Dual quaternary ammonium chloride
pH:	11.0 - 11.5
Viscosity:	Water thin
Foam:	Moderate
Abrasives:	None
Phosphate Content:	None
Emulsification:	Excellent
Bactericidal:	Yes
Fungicidal:	Yes
Virucidal:	Yes
Hospital Grade:	Yes
Detergency:	Excellent
Rinsability:	Excellent
Flash Point:	None (waterbased)
Biodegradability:	Complete
Storage/Stability:	2 years
Weight per Gallon:	8.34 lbs./gal.
Freeze / Thaw Stability:	Keep from freezing



Reorder#
19-1020



SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Zero Acid
Generic Name: Bathroom Cleaner
Chemical Family: Quaternary Detergent Blend
Formula: Proprietary

Suppliers Name: Michco
Suppliers Address: 2011 N. High St., Lansing, MI 48906
Suppliers Website: www.Michco.com

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Dimethyl Benzyl Ammonium Chloride	8001-54-5	0.09			
Dimethyl Ethyl Benzyl Ammonium Chloride	27479-28-3	0.09			
Nonionic Surfactant	9016-45-9	0 to 5			
Sodium Carbonate	497-19-8	0 to 5			
Sodium Metasilicate	6834-92-0	0 to 5			
Perfume Oil	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 210 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 95+
Solubility in Water: Complete
Physical Description: Thin light blue liquid with pleasant odor.

Specific Gravity: 1.00

Vapor Density (Air=1): >1

pH: 11.0-11.5

Evaporation Rate (Water=1): <1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
Upper Explosion Limit: N/A **Lower Explosion Limit:** N/A
Extinguishing Media: N/A
Special Firefighting Procedures: Non Flammable
Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable

Hazards Decomposition Products: Will not occur.

Hazardous Polymerization: None

Incompatibility (Materials to Avoid): None

SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of mist. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID**Effects of Overexposure:**

Skin: Skin irritant. Prolonged or repeated contact may cause dermatitis.

Eyes: Eye irritant. Liquid and mists may damage the eyes, causing corneal injury.

Inhalation: Mist may irritate nose, throat, and lungs.

Ingestion: May be irritating to the mouth, throat, and gastrointestinal system.

Burning, pain, and diarrhea expected with large doses.

First Aid Procedures:

Skin: Remove contaminated clothing. Flush affected areas with large quantities of water. Seek medical attention if irritation persists.

Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention if irritation persists.

Ingestion: Give large quantities of milk and water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well-ventilated area.

Ventilation Requirements: In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

Protective Gloves: Chemical resistant rubber.

Eye Protection: Safety glasses or chemical splash goggles.

Other Protective Equipment: Eyewash should be available nearby.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.

Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION**SARA Title III - Section 311/312 -Hazard Categories:**

No - Fire Hazard

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

Yes - Immediate (acute) Health Hazard

No - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon : Cleaning Compound

FOR 1 GALLON CONTAINERS : Cleaning Compound

FOR CONTAINERS < 1 GALLON : Cleaning Compound

HMS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product