

Zagers

BRAND

Z 208

FOAMY Z RESTROOM CLEANER

Restrooms
Sinks
Fiberglass
Porcelain
Stainless Steel
Chrome



Ceramic Tile
Quarry Tile
Locker Room Showers
Drinking Fountains
Melamine

Product Description

A ready to use, heavy-duty multi-purpose restroom cleaner designed for cleaning restrooms, showers, tubs & tiles. It removes soap scum, mineral deposits, mildew stains and light rust. It leaves cleaned surfaces sparkling clean. Thick clinging foam cleans many hard surfaces, including fiberglass, porcelain, stainless steel, chrome, melamine, ceramic, and quarry tiles.

Not for use on marble, polished aluminum surfaces, granite, terrazzo, natural stone, Formica. Always rinse off the chemical with water. Do not mix with bleach.

Test:

Test:	Limit:
Active Ingredients:	30.0 ± 0.5%
Color:	Blue
Odor:	Mint
pH(concentrate):	1.0 - 2.0
Base:	Biodegradable Acids and Surfactants
Viscosity:	Water thin
Foam:	High
Abrasives:	None
Phosphate Content:	None
Solubility:	Complete with water
Emulsification:	Excellent
Detergency:	Excellent
Rinsability:	Excellent
Flash Point:	None
Biodegradability:	Complete
Storage/Stability:	2 years
Weight Per Gallon:	9.00 lbs. per gallon
Freeze / Thaw Stability:	Keep from freezing

Limit:

Directions For Use

General Cleaning:

1. Simply spray onto surface to be cleaned.
2. Allow 3 – 4 minutes for cleaner to penetrate.
3. Wipe with damp sponge and rinse well.

Locker Room Shower Cleaning:

1. Spray onto surface to be cleaned with Hydro Foamer.
2. Allow 3 – 4 minutes for cleaner to penetrate.
3. Rinse thoroughly with water.

This product meets the maximum content requirements for Volatile Organic Compounds (VOCs) as established by State and Federal regulations.

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Z 208**Generic Name:** Mild Acid Spray Restroom Cleaner**Chemical Family:** Acid Detergent Blend**Formula:** Proprietary**Supplier's Name:** Zagers Brand, Inc.**Supplier's Address:** 4320 Gandy Blvd., Tampa, FL 33611**Supplier's Phone #:** (800) 241-4797

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Citric Acid	77-92-9	0 to 5			
Glycolic Acid	79-14-1	5 to 10			
Propylene Glycol	57-55-6	5 to 10			
Amphoteric Surfactant	2605-78-9	0 to 5			
Spearmint Oil	119-36-8	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F. **Specific Gravity:** 1.080
Vapor Pressure: <20mm Hg @ 68 F. **Vapor Density (Air=1):** >1
% Volatile: 80+ **pH:** 1.0-2.0
Solubility in Water: Complete **Evaporation Rate (Water=1):** <1
Physical Description: Blue liquid with pleasant odor.

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: Oxide vapors in a fire.
Hazardous Polymerization: None
Incompatibility (Materials to Avoid): Strong alkalis and oxidizers. Avoid contact with aluminum, brass, soft metals.

SECTION 6-STORAGE AND HANDLING INFORMATION

Corrosive. 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. Wear rubber gloves and protective eyewear when handling. Wash hands after use. Avoid breathing of vapors. Use in well-ventilated area. Avoid contact with aluminum. Do not mix with any other chemicals or cleaners

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Severe skin irritant. Prolonged or repeated contact can cause chemical burns or dermatitis.
Eyes: Severe eye irritant. Liquid and mists may burn or injure eyes, causing corneal damage.
Inhalation: May be irritating to mucous membranes of the nose, throat, and lungs.
Ingestion: Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.
First Aid Procedures:
Skin: Flush exposed area with large quantities of water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Inhalation: Get to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well-ventilated area.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Protective Gloves: Acid proof rubber or neoprene.
Eye Protection: Safety glasses or chemical face shield.
Other Protective Equipment: Eyewash station, chemical resistant apron and boots.

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: Compounds, cleaning liquid (Hydroxyacetic Acid), 8, NA-1760, PGIII
FOR 1 GALLON CONTAINERS: Compounds, cleaning liquid (Hydroxyacetic Acid), 8, NA-1760, PGIII (Limited Quantity)
FOR CONTAINERS < 1 GALLON: ORM-D

HMIS Hazardous Materials Identification System

Health	2
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