

Zagers

BRAND

Z-ZD10

Mild Acid Multi-Purpose Restroom Cleaner



DESCRIPTION

A highly concentrated acid restroom cleaner designed to remove soap scum, mold, mildew, hard water deposits, rust stains, body oils, fats and dirt. Brightens stainless steel and ceramic tiles. Requires less scrubbing than alkaline cleaners, reducing time and labor.

[This container will produce 5.5 gallons of ready-to-use product]

DIRECTIONS

This product must be diluted before use. See your supervisor or technical sales representative for instructions for use.

FOR USE ON

Floors, Walls, Shower Rooms, Urinals, Tile & Grout, Toilets, Restroom Fixtures, Sinks, and Countertops

PRODUCT SPECIFICATIONS

Color:	Bright Pink	Emulsification:	Excellent
Odor:	Wintergreen	Detergency:	Excellent
pH (concentrate):	1	Rinsability:	Excellent
pH (ready-to-use):	1 - 2	Flash Point:	None
Viscosity:	Water thin	Biodegradability:	Completely
Foam:	Moderate	Storage/Stability:	2 years
Abrasives:	None	Weight Per Gallon:	9.16 lbs.
Solubility:	Complete with water		

Zagers Brand, Inc.

4320 gandy Blvd • Tampa, FL 33611 • (800) 999-6059

Restroom Cleaners

MATERIAL SAFETY DATA SHEET

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 5/01 Revision: 7/01

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Supplier's Name: Zagers Brand, Inc.	Product Name: Z-ZD10	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY) Health - 1 Flammability - 0 Reactivity - 0 Protection - B
Supplier's Address: 4320 Gandy Blvd, Tampa, FL 33611	Generic Name: Mild Acid Multi-Purpose Restroom Cleaner	
Supplier's Phone #: (800) 999-6059	Chemical Family: Acid/Detergent Blend	
	Formula: Proprietary	

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Tripropylene Glycol Methyl Ether	25498-49-1	0 to 5	N/A	N/A	N/A
NonIonic Surfactant	9016-45-9	0 to 5	N/A		
Phosphoric Acid	7664-38-2	10 to 15	3mg/m ³		3mg/m ³
Fragrance	N/A	0 to 5	N/A		
Dye	N/A	0 to 5	N/A		

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 70+
Solubility in Water: Complete
Physical Description: Thin bright pink liquid with wintergreen odor.

Specific Gravity: 1.10
Vapor Density (Air=1): >1
pH: 1.0 – 2.0
Evaporation Rate (Water=1): <1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None (TCC)
Upper Explosion Limit: N/A **Lower Explosion Limit:** N/A
Extinguishing Media: CO₂, Dry Foam, Water Mist
Special Firefighting Procedures: Use self-contained breathing apparatus in confined areas.
Unusual Fire and Explosion Hazards: Keep fire exposed containers cool with water to prevent bursting.

SECTION 5-REACTIVITY DATA

Stability: Stable Hazards Decomposition Products: Phosphorus vapors in a fire.	Hazardous Polymerization: None Incompatibility (Materials to Avoid): Strong alkalis, oxidizing agents, bleach
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SECTION 6-STORAGE AND HANDLING INFORMATION

Corrosive. Severe Eye and Skin Irritant. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing of vapors or mists. Use in well-ventilated area. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. Do not mix with Chlorine Bleach or any other cleaning product. For institutional and industrial use only.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Severe skin irritant. May cause moderate reddening with prolonged contact
Eyes: Corrosive. Eye irritant. Liquid and mists may damage eyes, causing corneal damage.
Inhalation: Mists may be irritating to mucous membranes in the nose, throat, and lungs.
Ingestion: Irritating to the mouth and throat. May cause headache, nausea, abdominal pain, and diarrhea. Excessive amounts may cause collapse.

First Aid Procedures:
Skin: Flush with 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: Chemical resistant rubber or neoprene.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Eyewash station provided 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. Ventilate area well. 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. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of corrosivity as defined under federal RCRA regulations (40 CFR 261). 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, (Phosphoric Acid), 8, NA-1760, PG III FOR 1 GALLON CONTAINERS: Compounds, cleaning liquid, (Phosphoric Acid), 8, NA-1760, PG III (Limited Quantity) FOR CONTAINERS < 1 GALLON: ORM-D	HMIS Hazardous Materials Identification System								
		<table border="1"> <tr> <td>Health</td> <td align="center">3</td> </tr> <tr> <td>Flammability</td> <td align="center">0</td> </tr> <tr> <td>Reactivity</td> <td align="center">1</td> </tr> <tr> <td>Personal Protection</td> <td align="center">D</td> </tr> </table>	Health	3	Flammability	0	Reactivity	1	Personal Protection	D
Health	3									
Flammability	0									
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Personal Protection	D									

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