

Zagers

BRAND

Z-ZD5

Non-Acid Disinfectant Restroom Cleaner



DESCRIPTION

A high powered disinfectant cleaner detergent that cleans the dirt, kills the germs, and leaves the surface clean and fresh in one easy step. It eliminates the highly infectious hepatitis B virus. It's fast and powerful, to cut through and emulsify tough soils. Ideal for rest rooms in hospitals, nursing homes, schools and other public places. This unique product is an effective bactericide, fungicide, and virucide in the presence of 5% blood serum. Effective against HIV-Type 1 (AIDS Virus). [This container will produce 32.5 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 Stalls, Urinals, Tile & Grout, Toilets, Restroom Fixtures, Sinks, and countertops

PRODUCT SPECIFICATIONS

Color:	Blue	Emulsification:	Excellent
Odor:	Fresh	Detergency:	Excellent
pH (concentrate):	11 - 12	Rinsability:	Excellent
pH (ready-to-use):	10 - 11	Flash Point:	None
Viscosity:	Water thin	Biodegradability:	Completely
Foam:	Moderate	Storage/Stability:	2 years
Abrasives:	None	Weight Per Gallon:	8.66 lbs.
Solubility:	Complete with water		

Restroom Cleaners

Zagers Brand, Inc.

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

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: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Supplier's Name: Zagers Brand, Inc.	Product Name: Z-ZD5	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY) Health - 1 Flammability - 0 Reactivity - 0 Protection - A
Supplier's Address: 4320 Gandy Blvd, Tampa, FL 33611	Generic Name: Disinfectant Restroom Cleaner	
Supplier's Phone #: (800) 999-6059	Chemical Family: Quaternary Detergent Blend	
	Formula: Proprietary	

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	2.25			
Alkyl dimethyl ethylbenzyl ammonium chloride	68956-79-6	2.25			
Nonylphenol Ethoxylate	9016-45-9	0 to 5			
Tetrasodium EDTA	64-02-8	0 to 5			
Sodium Carbonate	497-19-8	0 to 5			
Fragrance	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.	Specific Gravity: 1.038
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1
% Volatile: 90+	pH: 11.0 – 12.0
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	Lower Explosion Limit: N/A
Upper Explosion Limit: N/A	
Extinguishing Media: N/A	
Special Firefighting Procedures: Keep fire exposed containers cool with water.	
Unusual Fire and Explosion Hazards: N/A	

SECTION 5-REACTIVITY DATA

Stability: Stable	Hazardous Polymerization: None
Hazards Decomposition Products: Will not occur.	Incompatibility (Materials to Avoid): None

SECTION 6-STORAGE AND HANDLING INFORMATION

Eye and Skin Irritant. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid breathing of vapors. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Severe skin irritant. May cause moderate reddening and swelling.
Eyes: Severe eye irritant. Liquid and mists may damage eyes, causing corneal damage.
Inhalation: Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.
Ingestion: Irritating to mouth, throat and gastrointestinal system. Nausea and vomiting may result from excess amounts.

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. Give large quantities of milk and water. Seek medical attention immediately. Probable mucosal damage may contraindicate the use of gastric lavage

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well-ventilated area.
Ventilation Requirements: Good general ventilation should be sufficient to control airborne levels. Provide mechanical exhaust in areas of poor ventilation, where mist generation may occur.
Protective Gloves: Chemical resistant, e.g. rubber or neoprene.
Eye Protection: Chemical goggles, face shield when handling concentrate.
Other Protective Equipment: Eyewash should be made available.

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: EPA registered pesticide. 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 disposal 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:	Shipping Information:	HMIS Hazardous Materials Identification System
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound	Health 3
No - Sudden Release of Pressure Hazard		Flammability 0
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound	Reactivity 0
Yes - Immediate (acute) Health Hazard		Personal Protection B
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Cleaning Compound	

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