

MATERIAL SAFETY DATA SHEET

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

N/A= Not Applicable
Effective Date: 10/04 Revision: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Supplier's Name: Zagers Brand Inc.	Product Name: Z-ZD5 Non-Acid Disinfectant Restroom Cleaner	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY)
Supplier's Address: 4320 Gandy Blvd. Tampa, FL 33611	Generic Name: Disinfectant Restroom Cleaner	Health - 1
Supplier's Phone #: 813-835-7844	Chemical Family: Quaternary Detergent Blend	Flammability - 0
	Formula: Proprietary	Reactivity - 0
		Protection - A

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

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Boiling Point (°F): 212 F.	Specific Gravity: 1.038	Flash Point (Method Used): N/A
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1	Upper Explosion Limit: N/A
% Volatile: 90+	pH: 11.0 - 12.0	Lower Explosion Limit: N/A
Solubility in Water: Complete	Evaporation Rate (Water=1): >1	Extinguishing Media: N/A
Physical Description: Blue liquid with pleasant odor.		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

SECTION 8-SPECIAL PROTECTION INFORMATION

Effects of Overexposure:	Respiratory Protection: Use in well-ventilated area.
Skin: Severe skin irritant. May cause moderate reddening and swelling.	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.
Eyes: Severe eye irritant. Liquid and mists may damage eyes, causing corneal damage.	Protective Gloves: Chemical resistant, e.g. rubber or neoprene.
Inhalation: Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.	Eye Protection: Chemical goggles, face shield when handling concentrate.
Ingestion: Irritating to mouth, throat and gastrointestinal system. Nausea and vomiting may result from excess amounts.	Other Protective Equipment: Eyewash should be made available.

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 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.