

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: 5/04

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Supplier's Name: Zagers Brand Inc.	Product Name: Z-ZD8 UHS Cleaner Restorer	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: Concentrated Floor Finish Restorer	
Supplier's Phone #: 813-835-7844	Chemical Family: Solvent/ Detergent Blend	
	Formula: Proprietary	

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Nonionic Surfactant	9016-45-9	0 to 5			
Monoethanolamine	141-43-5	0 to 5			
2-butoxyethanol	111-76-2	0 to 5	25 ppm	25 ppm	N/A
Perfume Oils	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: 1.005	Flash Point (Method Used): N/A
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1	Upper Explosion Limit: N/A
% Volatile: 50+	pH: 10.0-12.0	Lower Explosion Limit: N/A
Solubility in Water: Complete	Evaporation Rate (Water=1): >1	Extinguishing Media: N/A
Physical Description: Blue-Green clear liquid with mild fresh odor.		Special Firefighting Procedures: Non Flammable
		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

Severe Eye and Skin irritant. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors or mists. 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.

SECTION 7-HEALTH HAZARDS AND FIRST AID

SECTION 8-SPECIAL PROTECTION INFORMATION

Effects of Overexposure:	Respiratory Protection: No special requirements under normal use conditions.
Skin: Irritant. Will cause irritation and possible burns with prolonged contact.	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. Will cause redness, swelling and permanent corneal damage/burns	Protective Gloves: Chemical resistant rubber or neoprene
Inhalation: Vapors and mists are irritating to mucous membranes in the nose, throat, and lungs. May cause burns.	Eye Protection: Chemical splash goggles when danger of mist contact may occur.
Ingestion: Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.	Other Protective Equipment: Protective footwear when using.
First Aid Procedures:	
Skin: Immediately flush with water for 15 minutes. Seek medical attention if irritation persist.	
Eyes: Immediately flush with large quantities of water, holding eyelids open for at least 15 minutes. Seek medical attention immediately.	
Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.	
Ingestion: Do not induce vomiting. Dilute with 2 glasses of water. Seek medical attention immediately.	

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. 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:	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 D
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
111-76-2	2-butoxyethanol (glycol ether)	5.0% max.

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.