

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. Supplier's Address: 4320 Gandy Blvd. Tampa, FL 33611 Supplier's Phone #: 813-835-7844	Product Name: Z-ZD7 Deodorizer Cleaner/Freshner Generic Name: Concentrated Deodorant Chemical Family: Fragrance Detergent Blend Formula: Proprietary	HMS Hazardous Materials Identification System (Ready-to-Use product ONLY) Health - 1 Flammability - 0 Reactivity - 0 Protection - --
--	---	--

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			
Cationic Surfactant	68424-85-1	0 to 5			
Isopropyl Alcohol	67-63-0	0 to 5			
Perfume Oil	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.	Specific Gravity: 1.000
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1
% Volatile: 95+	pH: 7.0 - 8.0
Solubility in Water: Complete	Evaporation Rate (Water=1): >1
Physical Description: Thin clear liquid with pleasant odor.	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 134 F. (TCC)
Upper Explosion Limit: Unk nown Lower Explosion Limit: Unknown
Extinguishing Media: CO ₂ Dry Foam, Water Mist
Special Firefighting Procedures: Keep fire exposed containers cool with water.
Unusual Fire and Explosion Hazards: Self-contained breathing apparatus use in confined spaces.

SECTION 5-REACTIVITY DATA

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

SECTION 6-STORAGE AND HANDLING INFORMATION

Combustible liquid – Avoid contact with heat, spark or open flame. 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. Avoid breathing of mists. Wash thoroughly after handling.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Prolonged or repeated contact may cause dermatitis.
Eyes: Eye irritant. May cause redness or swelling.
Inhalation: Prolong or repeated breathing of concentrated vapors can cause dizziness, headache, nausea.
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting, and diarrhea expected with large doses.
First Aid Procedures:
Skin: Remove Contaminated clothing. Flush with water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention immediately.
Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.
Ingestion: Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements.
Ventilation Requirements: Provide local exhaust to keep TLV of section 2 ingredients below acceptable limit.
Protective Gloves: Waterproof recommended.
Eye Protection: Safety glasses recommended, when danger of mist contact may occur..
Other Protective Equipment: N/A

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 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:	HMS Hazardous Materials Identification System								
Yes - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound	<table border="1"><tr><td>Health</td><td>1</td></tr><tr><td>Flammability</td><td>2</td></tr><tr><td>Reactivity</td><td>0</td></tr><tr><td>Personal Protection</td><td>A</td></tr></table>	Health	1	Flammability	2	Reactivity	0	Personal Protection	A
Health	1									
Flammability	2									
Reactivity	0									
Personal Protection	A									
No - Sudden Release of Pressure Hazard										
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound									
Yes - Immediate (acute) Health Hazard										
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.