

MATERIAL SAFETY DATA SHEET

N/A=Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 10/04 Revision: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Z 235 Lotion Hand Soap
Generic Name: Antimicrobial Lotion Hand Soap
Chemical Family: Coconut Hand Soap
Formula: Proprietary

Supplier's Name: Zagers Brand Inc.
Supplier's Address: 4320 Gandy Blvd.
 Tampa, FL 33611
Supplier's Phone #: 813-835-7844

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Potassium Tall Oil Soap	61790-44-1	10 to 15			
Potassium Coconut Oil Soap	68783-34-6	0 to 5			
Coconut Diethanolamide	8051-30-7	0 to 5			
Sodium Chloride	7647-14-5	0 to 5			
Parachlorometaxylenol	88-04-0	0 to 5			
Acrylic Latex	N/A	0 to 5			
Perfume Oil	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 211 F. **Specific Gravity:** 1.009
Vapor Pressure: 20mm Hg @ 68 F. **Vapor Density (Air=1):** >1
% Volatile: 80+ **pH:** 10.0-10.5
Solubility in Water: Complete **Evaporation Rate**
(Water=1): <1
Physical Description: Slightly viscous pink lotion liquid with pleasant odor.

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
Upper Explosion Limit: N/A **Lower Explosion Limit:** N/A
Extinguishing Media: N/A
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

Keep container out of reach of children. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes and clothing.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Non-irritating. Pre-existing skin conditions e.g. dermatitis may become irritated upon exposure. Prolonged use may cause dryness by removal of natural oils from skin.
Eyes: Eye irritant. May cause redness or swelling.
Inhalation: N/A
Ingestion: May cause nausea, vomiting. Excessive amounts may lead to other gastro-intestinal disturbances.
First Aid Procedures:
Skin: N/A
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Inhalation: N/A
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: Not required
Protective Gloves: N/A
Eye Protection: N/A
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 storm 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 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
 No - Immediate (acute) Health Hazard
 No - Delayed (chronic) Health Hazard

Shipping Information:
 FOR CONTAINERS > 1 Gallon : Cleaning Compound
 FOR 1 GALLON CONTAINERS : Cleaning Compound
 FOR CONTAINERS < 1 GALLON : Cleaning Compound

HMIS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	-

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.