

Pathfinder Pine Fresh

763

OS

Prepared by: Regulatory Affairs Dept.

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

N/A=Not Applicable

Effective Date: 4/05 Revision: n/a

SECTION 1 PRODUCT IDENTIFICATION AND TRADE INFORMATION

Product Name: Pine Fresh
 Generic Name: Heavy Duty Cleaner & Disinfectant
 Chemical Family: Quaternary Detergent Blend
 Formula: Proprietary

Supplier Name: Pathfinder Cleaning Solutions
 Supplier Phone #: 800-232-6927

SECTION 2 CHEMICAL INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Dimethyl Benzyl Ammonium Chloride	8001-54-5	1.60			
Nonionic Surfactant	9016-45-9	0 to 5			
Sodium Metasilicate	6834-92-0	0 to 5			
Tetrasodium EDTA	64-02-8	0 to 5			
Perfume Oil	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3 PHYSICAL DATA

Boiling Point (°F): 210 F.
 Vapor Pressure: 20mm Hg @ 68 F.
 % Volatile: 90+
 Solubility in Water: Complete
 Physical Description: Thin liquid with pleasant odor.

Specific Gravity: 1.016
 Vapor Density (Air=1): >1
 pH: 12.5-13.0
 Evaporation Rate (Water=1): <1

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 4 REACTIVITY DATA

Stability: Stable
 Hazards Decomposition Products: Will not occur.

Hazardous Polymerization: None
 Incompatibility (Materials to Avoid): None

SECTION 5 STORAGE AND HANDLING INFORMATION

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

SECTION 6 HEALTH HAZARDS AND SYMPTOMS

Effects of Overexposure:
 Skin: Moderate skin irritant. Prolonged or repeated contact may cause dermatitis.
 Eyes: Eye irritant. Liquid and mists may injure the eyes, causing corneal damage.
 Inhalation: N/A
 Ingestion: May be irritating to the mouth, throat, and gastrointestinal system.
 Burning, pain, and diarrhea expected with large doses.

First Aid Procedures:

Skin: Remove contaminated clothing. Flush affected areas with large quantities of water. Seek medical attention if irritation persists.
 Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention.
 Inhalation: N/A
 Ingestion: Give large quantities of milk and water. Seek medical attention immediately.

Respiratory Protection: No special requirements.
 Ventilation Requirements: No special ventilation required.
 Protective Gloves: Chemical resistant rubber or neoprene.
 Eye Protection: Safety glasses or chemical splash goggles.
 Other Protective Equipment: Eye wash station should be available nearby.

SECTION 7 REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:

- No - Fire Hazard
- No - Sudden Release of Pressure Hazard
- No - Reactivity Hazard
- Yes - 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

HMS Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

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 8 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.