

MATERIAL SAFETY DATA SHEET

PhosStop Plus

Identity (Trade name as used on label)

Manufacturer Jack's Magic Products, Inc.	MSDS #
Address 12435 73rd Court	CAS # 7647-01-0
Largo, FL 33773	Date Prepared 5/2008
Phone # (for information) 1-800-348-1656	Prepared By
Emergency Phone # 1-800-424-9300 (international 703-527-3887)	

SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS – Chemical Name & Common Name (Hazardous Components 1% or greater, carcinogens 0.1% or greater)	%	OSHA PEL	ACHH TLV	OTHER LIMITS RECOMMENDED
Contains: Hydrochloric Acid	0.3			
Contains:				
Non-Hazardous Ingredients				
TOTAL				

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point N/A	Specific Gravity (H ₂ = 1) N/A
Vapor Pressure (mm/Hg and Temperature) N/A	Melting Point N/A
Vapor Density (Air = 1) 1.42	Evaporation Rate N/A
Solubility in Water cold water, hot water, and in acetone.	Water Reactive N/A
Appearance and Color Light Yellow, clear liquid.	

SECTION 3 – HAZARDS IDENTIFICATION

	Health	Flammability	Reactivity
HMIS Hazard Code	2	0	0
NFPA Hazard Code	2	0	0

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point & Method Used	Auto Ignition Temperature	Flamability Limits in Air % by Volume	LEL	UEL

Extinguisher Media
Water fog, carbon dioxide, foam, dry chemical.

Special Fire Fighting Procedures
Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Unusual Fire and Explosion Hazards

N/A

SECTION 5 – REACTIVITY HAZARD DATA

Stability Conditions to Avoid
 Stable
 Unstable

Incompatibility (Materials to Avoid)

Bases

Hazardous Decomposition Products

Under extreme heat, may give off chlorine.

Hazardous Polymerization Conditions to Avoid

Will Not Occur

May Occur

N/A

SECTION 6 – HEALTH HAZARD DATA

Primary Routes of Entry

Inhalation

Ingestion

Skin Absorption

Not Hazardous

Carcinogen Listed In

NTP

IARC Monograph

OSHA

Not Listed

Health Hazards

Acute: **This product has a low degree of toxicity, ingesting of excessive quantities may cause irritation of the digestive tract.**

Chronic: **The effects from chronic exposure have not been evaluated.**

Signs and Symptoms of Exposure

This material is a severe eye irritant. Direct contact may cause stinging, tearing, redness, swelling, and eye damage. This material is a severe skin irritant. Direct contact may cause redness, burning, and severe skin damage. There is sufficient information on this material to predict the effects from skin absorption. Breathing high concentrations of this material may cause irritation of the nose, throat and respiratory tract.

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency First Aid Procedures

N/A

Eye Contact

Flush immediately with copious amounts of tap water or normal saline (minimum of 15 minutes). Take exposed individual to a health care professional, preferably an ophthalmologist for further evaluation.

Skin Contact

Wash exposed area with plenty of water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists consult a health care professional.

Inhalation

If exposure by inhalation is suspected, immediately move exposed individual to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek a health care professional immediately.

Ingestion

DO NOT INDUCE VOMITING. Rinse with copious amounts of water or milk, first. Irrigate the esophagus and dilute stomach contents by slowly giving one (1) or two (2) glasses of water or milk. Avoid giving alcohol or alcohol related products. In cases where the individual is semi-comatose, comatose or convulsing, DO NOT GIVE FLUIDS BY MOUTH. In case of intentional ingestion of the products seek medical assistance immediately; take individual to nearest medical facility.

SECTION 7 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specific Type)

Respiratory protection may be necessary to minimize exposure to mists, Depending on the nature and the concentration of airborne material, use a respirator or gas mask with appropriate cartridges and canisters (NIOSH approved) or supplied air equipment.

Protective Gloves

The use of gloves impermeable to the specific material handled is advised to

Eye Protection

Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended.

**prevent skin contact, possible irritaion
and skin damage.**

Ventilation To Be Used

Local Exhaust Mechanical (general) Special Other (specify):

Other Protective Clothing and Equipment

Impervious clothing should be worn as needed.

Hygienic Work Practices

SECTION 8 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken of material is spilled or released

Before responding to a spill or leak of this product, review each sectin of this MSDS. Follow the recommendations given in the Handling Precasutions sections. Check the Fire and Explosion Data section to determine if the use of non-sparkling tools is mermitted. Insure that spilled or leaked products does not come into contact with materials listed as imcompatible. If irritating fumes are present, consider evacuation of enclosed areas. Block any potential routes to water systems (e.g., sewer , streams, lakes,etc.)

Water Disposal Methods

N/A

Precautions to be taken in handling and storage

Avoid breathing spray mists.

Other Precautions and/or Special Hazards

N/A