

MATERIAL SAFETY DATA SHEET

Metal Solution Too, "The Blue Stuff"

Identity (Trade name as used on label)

Manufacturer Jack's Magic Products, Inc.	MSDS # N/A
Address 6950 112th Circle	CAS # N/A
Largo, FL 33773	Date Prepared 6/1/99
Phone # (for information) 1-800-348-1656	Prepared By N/A
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
Proprietary Formulation	100			
Contains: (1-Hydroxyethylidene- 1, 1-diphosphonic Acid)				
Non-Hazardous Ingredients				
TOTAL	100			

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point Greater than 212 deg. F	Specific Gravity (H ₂ = 1) 1.19
Vapor Pressure (mm/Hg and Temperature) Similar to water	Melting Point N/A
Vapor Density (Air = 1) Similar to water	Evaporation Rate N/A
Solubility in Water Complete	Water Reactive N/A
Appearance and Color Clear blue (may turn straw-colored to light amber if dye fades) liquid; slight odor.	

SECTION 3 – FIRE AND EXPLOSION DATA

Flash Point & Method Used	Auto Ignition Temperature	Flamability Limits in Air % by Volume	LEL	UEL
Non-flammable	N/A	N/A	N/A	N/A

Extinguisher Media
Waterfog CO₂, Foam, Dry Chemical

Special Fire Fighting Procedures
Eliminate ignition source. Wear self-contained breathing apparatus and complete personal protective equipment. Use water spray to cool fire, exposed structures and tanks, and to disperse vapor cloud if fire is not present.

Unusual Fire and Explosion Hazards
Although this material does not meet the parameters for flammability, it will burn in the presence of a strong ignition source after the water is removed.

SECTION 4 – REACTIVITY HAZARD DATA

Stability Conditions to Avoid
 Stable
 Unstable Avoid contact with strong oxidizing agents.

Incompatibility (Materials to Avoid)

Oxidizers

Hazardous Decomposition Products

None known.

Hazardous Polymerization Conditions to Avoid
 Will Not Occur
 May Occur **Avoid contact with strong oxidizing agents.**

SECTION 5 – HEALTH HAZARD DATA

Primary Routes of Entry	Carcinogen Listed In	
<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> NTP	<input type="checkbox"/> OSHA
<input checked="" type="checkbox"/> Skin Absorption	<input type="checkbox"/> IARC Monograph	<input checked="" type="checkbox"/> Not Listed
<input checked="" type="checkbox"/> Ingestion		
<input type="checkbox"/> Not Hazardous		

Health Hazards

Acute: **May cause skin and eye burns.**

Chronic: **None known.**

Signs and Symptoms of Exposure

May cause skin and eye burns.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency First Aid Procedures

See below.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during washing. See a physician if irritation occurs.

Skin Contact

Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Thoroughly wash before reuse or discard. See a physician if irritation occurs.

Inhalation

Remove patient from contaminated area. Give oxygen if needed. See a physician if irritation of respiratory tract occurs.

Ingestion

Do not induce vomiting. Drink a quart of water. (Do not give food to an unconscious person). Seek immediate medical attention.

SECTION 6 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specific Type)

None required for normal operations.

Protective Gloves

Impervious gloves

Eye Protection

Splash-proof safety goggles.

Ventilation To Be Used

Local Exhaust Mechanical (general) Special Other (specify): **Normal room ventilation.**

Other Protective Clothing and Equipment

Wear protective clothing to minimize skin contact and chemical resistant safety shoes.

Hygienic Work Practices

Do not get in eyes, on skin, or on clothing. Avoid breathing vapor and mist. Handle with due care.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if material is spilled or released

Floor will become slippery. Use care. Wear splash-proof eye protection and impervious clothing. Contain spill with inert material (sand, earth, etc.) and transfer to separate containers for disposal.

Water Disposal Methods

Dispose of in accordance with all applicable local, state and federal regulations. Empty containers retain vapor or product residue and can be dangerous.

Precautions to be taken in handling and storage

Avoid contact with skin and eyes. Avoid contact with strong oxidizers. Keep out of reach of children.

Other Precautions and/or Special Hazards

N/A

