

MATERIAL SAFETY DATA SHEET

The Step Stuff Liquid

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 (H₂ = 1)

1.48

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

Pink or straw colored with 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
 Stable
 Unstable

Conditions to Avoid
Avoid contact with strong oxidizing agents.

Incompatibility (Materials to Avoid)

Oxidizers

Hazardous Decomposition Products

None known.

Hazardous Polymerization
 Will Not Occur
 May Occur

Conditions to Avoid
Avoid contact with strong oxidizing agents.

SECTION 5 – HEALTH HAZARD DATA

Primary Routes of Entry
 Inhalation
 Skin Absorption

Ingestion
 Not Hazardous

Carcinogen Listed In
 NTP
 IARC Monograph

OSHA
 Not Listed

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

MATERIAL SAFETY DATA SHEET

The Step Stuff Powder

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:				
Non-Hazardous Ingredients				
TOTAL	100			

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point N/A (material is solid)	Specific Gravity (H ₂ = 1) N/A
Vapor Pressure (mm/Hg and Temperature) N/A	Melting Point N/A
Vapor Density (Air = 1) N/A	Evaporation Rate N/A
Solubility in Water At 25 deg. C: 14-16 q/100ml; Insoluble in most organic solvents.	Water Reactive N/A
Appearance and Color White to off-white, odorless, crystalline powder	

SECTION 3 – FIRE AND EXPLOSION DATA

Flash Point & Method Used Not established	Auto Ignition Temperature N/A	Flamability Limits in Air % by Volume N/A	LEL N/A	UEL N/A
Extinguisher Media Water, CO2				
Special Fire Fighting Procedures None normally required				
Unusual Fire and Explosion Hazards Nil or zero (Bureau of Mines Relative Explosion Hazard Rating) as dust. No explosion detected up to 200g/ft(3).				

SECTION 4 – REACTIVITY HAZARD DATA

Stability Conditions to Avoid
 Stable
 Unstable N/A

Incompatibility (Materials to Avoid)

Oxidizing agents

Hazardous Decomposition Products

Not established

Hazardous Polymerization Conditions to Avoid

Will Not Occur

May Occur N/A

SECTION 5 – 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: **No TLV established**

Chronic: **N/A**

Signs and Symptoms of Exposure

Excessive contact may cause eye irritation. May also cause minor skin or respiratory irritation.

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency First Aid Procedures

See below.

Eye Contact

Flush with clean, cool water for 15 minutes. See a physician if irritation occurs.

Skin Contact

Wash with soap and water. See a physician if irritation occurs. Remove and wash clothing.

Inhalation

Remove victim to fresh air.

Ingestion

N/A

SECTION 6 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specific Type)

None required for recommended use.

Protective Gloves

None normally required

Eye Protection

None normally required

Ventilation To Be Used

Local Exhaust

Mechanical (general)

Special

Other (specify): **Dust exhaust system at point of use.**

Other Protective Clothing and Equipment

N/A

Hygienic Work Practices

General hygienic work practices should be followed.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if material is spilled or released

Recover by vacuum, sweep or shovel.

Water Disposal Methods

N/A

Precautions to be taken in handling and storage

Avoid breathing dust. Store in closed containers in a cool, dry area.

Other Precautions and/or Special Hazards

None normally required.