

MATERIAL SAFETY DATA SHEET

Spa Magic (chlorine)

Identity (Trade name as used on label)

Manufacturer Jack's Magic Products, Inc.	MSDS # N/A
Address 12435 73rd Court	CAS # 87-90-1
Largo, FL 33773	Date Prepared 8/2012
Phone # (for information) (800) 348-1656	Prepared By N/A
Emergency Phone # (800) 853-7673	

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: Trichloro-s-triazinetrione (Trichloro isocyanuric acid)		1 ppm Cl		Oral LD50 (rats): 750-1500 mg/kg Inhal. LC50:2 to 200 mg/L Dermal LD50(rabbit):10,000 mg/kg Material Corrosive
Non-Hazardous Ingredients				
TOTAL				

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point N/A	Specific Gravity (H ₂ =1) Density <1
Vapor Pressure (mm/Hg and Temperature) N/A	Melting Point Decomposes at 350 deg. F
Vapor Density (Air = 1) N/A	Evaporation Rate N/A
Solubility in Water Moderate	Water Reactive N/A
Appearance and Color Solid, white tablets with a chlorinous odor.	

SECTION 3 – FIRE AND EXPLOSION DATA

Flash Point & Method Used N/A	Auto Ignition Temperature N/A	Flamability Limits in Air % by Volume Non-Flammable	LEL N/A	UEL N/A
Extinguisher Media Deluge with water.				
Special Fire Fighting Procedures Use NIOSII certified gas mask with canister for chlorine. If possible, remove container to open air and flood with water. Damp or decomposing material may be shock sensitive. Rap container sharply with a pole from a distant, protected position prior to handling.				
Unusual Fire and Explosion Hazards N/A				

SECTION 4 – REACTIVITY HAZARD DATA

Stability Conditions to Avoid
 Stable
 Unstable Open storage, excessive heat, moisture, moist air, combination with oxidizers or oxidizable materials.

Incompatibility (Materials to Avoid)

Nitrogen compounds – ammonia, amines, ammonium compounds, reducing agents, oxidizable or combustible organics, strong oxidizers, acids, alkali.

Hazardous Decomposition Products

Chlorine, cyanogen chloride, nitrogen trichloride, ammonia, carbon dioxide.

Hazardous Polymerization Conditions to Avoid

Will Not Occur

May Occur

N/A

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: **Eye: Extreme irritant, cornea damage.**

Chronic: **Eye damage and lung damage.**

Signs and Symptoms of Exposure: **Eyes & Skin: Irritation, burning, redness, eye tearing. / Inhalation: Coughing, irritation to nose, throat, and mouth; headache, dizziness. / Ingestion: GI discomfort, nausea, vomiting.**

Medical Conditions Generally Aggravated by Exposure

Persons with pre-existing eye, skin, and respiratory disorders may be susceptible to aggravation due to irritant nature of product.

Emergency First Aid Procedures:

See below.

Eye Contact

Immediately flush with water and call a physician.

Skin Contact

Immediately flush with water and call a physician.

Inhalation

Move to fresh air, call a physician and aid breathing if necessary.

Ingestion

If conscious, feed milk, followed by olive oil. Induce vomiting if large amount has been ingested. Call physician and follow all instructions.

SECTION 6 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specific Type)

NIOSII certified gas mask with canister for chlorine if above permissible limits.

Protective Gloves

Liquid – proof rubber.

Eye Protection

Do not wear contact lenses. Gas tight chemical goggles.

Ventilation To Be Used

Local Exhaust

Mechanical (general)

Special

Other (specify):

Other Protective Clothing and Equipment

Eye wash & safety shower in work/storage area. Wear full cover clothing as necessary to minimize contact with product.

Hygienic Work Practices

Remove contaminated clothing & launder before reuse. Wash well after use and observe good personal hygiene.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if material is spilled or released

Spilled or wet material should be dissolved in water and dechlorinated with a reducing agent (hydrogen peroxide, sodium nitrate, sodium thiosulfate). Dispose of material as per all local, state, and federal regulations.

Water Disposal Methods

Consult federal, state, and local regulations.

Precautions to be taken in handling and storage

Store in a cool, dry, well ventilated area away from combustibles and reactive materials. Keep container tightly closed when not in use. Do not reuse container. Wear proper protective gear when handling to minimize contact with product.

Other Precautions and/or Special Hazards

Keep away from children. Handle with care. Use product only as directed.

MATERIAL SAFETY DATA SHEET

Spa Magic (anti-scale)

Identity (Trade name as used on label)

Manufacturer

Jack's Magic Products, Inc.

MSDS #

N/A

Address

12435 73rd Court

CAS #

2809-21-4

Largo, FL 33773

Date Prepared

8/2012

Phone # (for information)

(813) 530-3552

Prepared By

N/A

Emergency Phone #

(800) 853-7673

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: 1- Hydroxyetiylidene-1, 1-Diphosphonic Acid				
(Organic Phosphonic Acid Solution)				
Non-Hazardous Ingredients				
TOTAL				

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 H2O

Melting Point

N/A

Vapor Density (Air = 1)

Similar to H2O

Evaporation Rate

N/A

Solubility in Water

Complete

Water Reactive

N/A

Appearance and Color

Clear liquid with slight odor.

SECTION 3 – HAZARDS IDENTIFICATION

	Health	Flammability	Reactivity
HMIS Hazard Code	3	1	1
NFPA Hazard Code	3	1	1

SECTION 4 – FIRE AND EXPLOSION DATA

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

Extinguisher Media

Waterfog, C02, Foam, Dry Chemical

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None

SECTION 5 – REACTIVITY HAZARD DATA

Stability Conditions to Avoid
 Stable
 Unstable Strong Alkali

Incompatibility (Materials to Avoid)

Strong Alkali

Hazardous Decomposition Products

N/A

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: **Oral LD50 =3.1 g/kg Dermal LD50>10 g/kg**

Chronic: **N/A**

Signs and Symptoms of Exposure

Over exposure may cause eye burns. Corrosive to eyes and skin.

Medical Conditions Generally Aggravated by Exposure

Not tested, but none expected.

Emergency First Aid Procedures

See below.

Eye Contact

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

Skin Contact

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

Inhalation

Remove to fresh air. See a physician.

Ingestion

N/A

SECTION 7 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specific Type)

Not Required

Protective Gloves

Rubber

Eye Protection

Safety Goggles

Ventilation To Be Used

Local Exhaust

Mechanical (general)

Special

Other (specify):

Other Protective Clothing and Equipment

Recommended

Hygienic Work Practices

N/A

SECTION 8 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken of material is spilled or released

Large Spills: Dam area to prevent spreading. Dispose of in accordance with EPA hazardous waste #D002 due to pH. Small Spills: Flush to sewer with copious amounts of water.

Water Disposal Methods

N/A

Precautions to be taken in handling and storage

Do not get in eyes, on skin, or clothing. Avoid breathing mist.

Other Precautions and/or Special Hazards

Waste Disposal Methods: Neutralize with lime or soda. Ask and dispose of in accordance with local, state and federal regulations.

MATERIAL SAFETY DATA SHEET

Spa Magic (Clarifier)

Identity (Trade name as used on label)

Manufacturer

Jack's Magic Products, Inc.

MSDS #

N/A

Address

12435 73rd Court

CAS #

N/A

Largo, FL 33773

Date Prepared

8/2012

Phone # (for information)

(800) 348-1656

Prepared By

N/A

Emergency Phone #

(800) 853-7673

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: The components of this product comprise proprietary information.				
Non-Hazardous Ingredients				
TOTAL				

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point

Greater than 212 deg. F

Specific Gravity (H₂ = 1)

1.06

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

Completely miscible in water.

Water Reactive

N/A

Appearance and Color

Clear brown liquid with slight odor.

SECTION 3 – HAZARDS IDENTIFICATION

	Health	Flammability	Reactivity
HMIS Hazard Code	3	1	1
NFPA Hazard Code	3	1	1

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point & Method Used	Auto Ignition Temperature	Flamability Limits in Air % by Volume	LEL	UEL
None below 212 deg. F	N/A	N/A	N/A	N/A

Extinguisher Media

Water fog, carbon dioxide, foam, dry chemical.

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None

SECTION 5 – REACTIVITY HAZARD DATA

Stability Conditions to Avoid
 Stable
 Unstable None

Incompatibility (Materials to Avoid)
None

Hazardous Decomposition Products
None

Hazardous Polymerization Conditions to Avoid
 Will Not Occur
 May Occur **None**

SECTION 6 – 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: **Oral LD50-3.7 g/kg Dermal DL50>2 g/kg Inhalation LC50>26.4 mg/L**

Chronic: **N/A**

Signs and Symptoms of Exposure

Irritating to eyes, produces reversible minimal effects in the form of erythema, chemosis, and discharge. Not irritating to skin.

Medical Conditions Generally Aggravated by Exposure

None

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 contaminated clothing.

Inhalation

Remove to fresh air.

Ingestion

N/A

SECTION 7 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specific Type)

N/A

Protective Gloves

N/A

Eye Protection

N/A

Ventilation To Be Used

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

Other Protective Clothing and Equipment

N/A

Hygienic Work Practices

N/A

SECTION 8 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if material is spilled or released

Large Spills: Dam area to prevent spill from entering fish-bearing water. Pump into appropriate containers. Dispose of as below. Small Spills: Flush liquid to sewer with copious amounts of water.

Water Disposal Methods

Precautions to be taken in handling and storage

Other Precautions and/or Special Hazards

Waste Disposal Methods: Product is not a hazardous waste. It can be disposed of in any approved landfill.

MATERIAL SAFETY DATA SHEET

Spa Magic (Shock)

Identity (Trade name as used on label)

Manufacturer

Jack's Magic Products, Inc.

MSDS #

N/A

Address

12435 73rd Court

CAS #

N/A

Largo, FL 33773

Date Prepared

8/2012

Phone # (for information)

(800) 348-1656

Prepared By

N/A

Emergency Phone #

(800) 853-7673

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: This formulation comprises proprietary information.				
Non-Hazardous Ingredients				
TOTAL				

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point

Decomposes

Specific Gravity (H₂ = 1)

1.1 – 1.4

Vapor Pressure (mm/Hg and Temperature)

Nil

Melting Point

N/A

Vapor Density (Air = 1)

Non – Volatile

Evaporation Rate

N/A

Solubility in Water

25.6% at 20 deg. C

Water Reactive

N/A

Appearance and Color

White granules or powder with no odor.

SECTION 3 – HAZARDS IDENTIFICATION

	Health	Flammability	Reactivity
HMIS Hazard Code	1	0	0
NFPA Hazard Code	1	0	0

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point & Method Used	Auto Ignition Temperature	Flamability Limits in Air % by Volume	LEL	UEL
Will Not Burn	N/A	N/A	N/A	N/A

Extinguisher Media

Water

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

Grinding or intensive mixing may generate sufficient heat to fuse and cause ignition of oxidizable material present.

SECTION 5 – REACTIVITY HAZARD DATA

Stability Conditions to Avoid
 Stable
 Unstable Heat, Alkaline conditions

Incompatibility (Materials to Avoid)

Heavy metals cause evolution of oxygen gas. Certain organic materials may react violently.

Hazardous Decomposition Products

N/A

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: **Oral LD50: 2250 – 9500 mg/kg (rats) Inhalation LC50:>5 mg/L (rats)**

Chronic: **N/A**

Signs and Symptoms of Exposure

Causes irritation of skin and eyes due to oxidizing properties.

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency First Aid Procedures

See Below.

Eye Contact

Flush with water and call a physician.

Skin Contact

N/A

Inhalation

Remove to fresh air.

Ingestion

Give water and call a physician.

SECTION 7 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specific Type)

None for normal use; dust mask if necessary.

Protective Gloves

Rubber or plastic.

Eye Protection

Splash goggles.

Ventilation To Be Used

Local Exhaust

Mechanical (general)

Special

Other (specify):

Other Protective Clothing and Equipment

N/A

Hygienic Work Practices

N/A

SECTION 8 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if material is spilled or released

Sweep up and flush with water.

Water Disposal Methods

N/A

Precautions to be taken in handling and storage

Store in cool, dry place. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

Other Precautions and/or Special Hazards

Waste disposal methods: Comply with federal, state, and local regulations.