



SAFETY DATA SHEET

1. Product and Company Identification

Product Name The Magenta Stuff
CAS # Mixture
Product Use Pool Care
Manufacturer Jack's Magic Products, Inc.
12435 73rd Ct.
Largo, FL 33773 US
Phone: 1-800-348-1656
Emergency Phone: 1-800-424-9300
International: 1-703-527-3887

2. Hazards Identification

Emergency Overview DANGER
MAY CAUSE CHEMICAL BURNS TO EYES AND SKIN.

Potential short term health effects

Routes of exposure Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

Eyes May cause chemical burns. May cause blindness.

Skin May cause chemical burns.

Inhalation May cause respiratory tract irritation.

Ingestion Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.

Target organs Eyes. Skin.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms The product may cause burns to eyes, skin and mucous membranes.

Potential environmental effects See section 12.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Maleic acid	110-16-7	1 - 5
2-Butenedioic acid, homopolymer	26099-09-2	1 - 5
2-Phosphono-1,2,4-butanetricarboxylic acid	37971-36-1	5 - 10

4. First Aid Measures

First aid procedures

Eye contact Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

Skin contact Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Obtain medical advice immediately.

Inhalation If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

General advice If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire-fighting Measures

Flammable properties Not flammable by WHMIS criteria.

Extinguishing media

Suitable extinguishing media Dry chemical. Carbon dioxide. Foam. Fog.

Unsuitable extinguishing media Not available

Protection of firefighters

Specific hazards arising from the chemical Not available

Protective equipment for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products May include and are not limited to: Oxides of carbon.

Explosion data

Sensitivity to mechanical impact Not available

Sensitivity to static discharge Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. Do not get in eyes, on skin or on clothing. Keep container tightly closed. Use only with adequate ventilation. Avoid breathing vapours or mists of this product. Wash thoroughly after handling.
Storage	Keep out of the reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limit values

Ingredient(s)	Exposure limit values
2-Butenedioic acid, homopolymer	ACGIH-TLV Not established
2-Phosphono-1,2,4-butanetricarboxylic acid	ACGIH-TLV Not established
Maleic acid	ACGIH-TLV Not established

Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye/Face protection	Wear chemical goggles.
Hand protection	Rubber gloves. Confirm with a reputable supplier first.
Skin and body protection	As required by employer code.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
General hygiene considerations	Use good industrial hygiene practices in handling this material. Eye wash fountains and emergency showers are recommended. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Clear
Colour	Magenta
Form	Liquid
Odour	Slight
Odour threshold	Not available
Physical state	Liquid
pH	1.62
Freezing point	Not available
Boiling point	100 - 101.1 °C (212.00 - 213.98 °F)
Pour point	Not available
Evaporation Rate	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	24 mmHg @20°C
Vapour density	1.21 (air=1)
Specific gravity	1.1
Octanol/water coefficient	Not available
Solubility (H2O)	Complete

10. Stability and Reactivity

Reactivity	Reacts vigorously with alkaline material. This product may react with reducing agents.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Reacts violently with alkaline material. This product may react with reducing agents. Do not mix with other chemicals.
Incompatible materials	Bases. Reducing agents. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
2-Butenedioic acid, homopolymer	Not available
2-Phosphono-1,2,4-butanetricarboxylic acid	Not available
Maleic acid	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
2-Butenedioic acid, homopolymer	> 5000 mg/kg rat
2-Phosphono-1,2,4-butanetricarboxylic acid	6500 mg/kg rat
Maleic acid	3000 mg/kg mouse; 708 mg/kg rat

Effects of acute exposure

Eye	May cause chemical burns. May cause blindness.
Skin	May cause chemical burns.
Inhalation	May cause respiratory tract irritation.
Ingestion	Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.
Sensitisation	Non-hazardous by WHMIS criteria.

Chronic effects	Non-hazardous by WHMIS criteria.
Carcinogenicity	Non-hazardous by WHMIS criteria.
Mutagenicity	Non-hazardous by WHMIS criteria.
Reproductive effects	Non-hazardous by WHMIS criteria.
Teratogenicity	Non-hazardous by WHMIS criteria.
Name of Toxicologically Synergistic Products	Not available

12. Ecological Information

Ecotoxicity	See below
Ecotoxicity - Freshwater Algae - Acute Toxicity Data	
2-Phosphono-1,2,4-butanetricarbo acid	37971-36-1 72 Hr EC50 Desmodesmus subspicatus: 140mg/L
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	
2-Phosphono-1,2,4-butanetricarbo acid	37971-36-1 48 Hr LC50 Leuciscus idus: >500 mg/L [static]
Maleic acid	110-16-7 96 Hr LC50 Pimephales promelas: 5 mg/L [static]
Ecotoxicity - Water Flea - Acute Toxicity Data	
2-Phosphono-1,2,4-butanetricarbo acid	37971-36-1 24 Hr EC50 Daphnia magna: 265mg/L
Maleic acid	110-16-7 48 Hr EC50 Daphnia magna: 250 - 400 mg/L
Persistence and degradability	Not available
Bioaccumulation/accumulation	Not available
Mobility in environmental media	Not available
Environmental effects	Not available
Aquatic toxicity	Not available
Partition coefficient	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Disposal instructions	Review federal, provincial, and local government requirements prior to disposal.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

Proper shipping name	CORROSIVE LIQUID, N.O.S. (2-PHOSPHONO-1,2,4-BUTANETRICARBOXYLIC ACID)
Hazard class	8
UN number	UN1760
Packing group	III
Additional information:	
Special provisions	16
Packaging exceptions	Limited quantity <5L



