



THE BLUE STUFF

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Trade Names	The Blue Stuff
CAS No.	Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Swimming Pool Maintenance
Uses Advised Against	None

Details of the supplier of the safety data sheet

Company Identification	Jack's Magic Products, Inc. 12435 73 rd Court Largo, FL 33773 United States of America
Telephone	(800) 348-1656 / (727) 536-4500
Fax	(727) 532-0250
E-Mail (competent person)	Regulatory@JacksMagic.com

Emergency telephone number

Emergency Phone No.	CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Skin Corr. 1C; Eye Dam. 1; Met. Corr. 1
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Label elements

Hazard Symbol(s)



Signal Word(s)

DANGER

Hazard Statement(s)

Causes severe skin burns and eye damage.

May be corrosive to metals.

Precautionary Statement(s)

Wash hands and exposed skin after use.

Wear protective gloves/protective clothing/eye protection/face protection.

Do not breathe dust/fume/gas/mist/vapours/spray.

Take off contaminated clothing and wash before reuse.

Keep only in original container.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. Get immediate medical attention. Wash contaminated clothing before reuse.

IF INHALED: Treat symptomatically.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate



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Other hazards
Additional Information

medical attention.
None
None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	*%W/W	CAS No.	Hazard Statement(s)
Mixture of proprietary diphosphonic and tricarboxylic acids	20 - 30	Trade Secret	Eye Dam. 1; H318 Met. Corr. 1; H290
Phosphorous Acid	< 1	13598-36-2	Skin Corr. 1A; H314 Eye Dam. 1; H318

Additional Information – None

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Not normally required. Treat symptomatically.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get immediate medical attention. Wash contaminated clothing before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
Ingestion	Rinse mouth. Do NOT induce vomiting. Get immediate medical attention.
Most important symptoms and effects, both acute and delayed	Causes severe damage to eyes and skin.
Indication of any immediate medical attention and special treatment needed	None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media Non-combustible. As appropriate for surrounding fire.
-Unsuitable Extinguishing Media None anticipated.

Special hazards arising from the substance or mixture None anticipated.

Advice for fire-fighters Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapours/spray.

Environmental precautions Contain spillages with sand, earth or any suitable adsorbent material. Prevent entry into drains.



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Methods and material for containment and cleaning up Cover spills with inert absorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. If possible prevent water running into sewers.

Reference to other sections None
Additional Information None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Avoid contact with skin, eyes or clothing. Wear protective gloves/protective clothing/eye protection/face protection.

Conditions for safe storage, including any incompatibilities
-Storage temperature Do not allow material to freeze.
-Incompatible materials Substances that react with water. Strong bases.

Specific end use(s) Swimming Pool Maintenance

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

Exposure controls

Appropriate engineering controls Not normally required.

Personal protection equipment

Eye/face protection Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other) Gloves (PVC, Neoprene, or Natural rubber).



Respiratory protection Not normally required.



Thermal hazards Not normally required.

Environmental Exposure Controls Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties



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Appearance	Liquid
Color	Blue
Odor	Not available
Odor Threshold (ppm)	Not available
pH (Value)	1.37
Melting Point/Freezing Point (°C)	~ 0 (~ 32 °F)
Boiling point/boiling range (°C)	~ 100 (~212 °F)
Flash Point (°C)	Non-combustible / Non-flammable
Evaporation Rate	Similar to Water
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not applicable
Vapour Pressure (mm Hg)	Similar to Water
Vapour Density (Air=1)	Similar to Water
Density (g/ml)	Not available
Specific Gravity	1.19
Solubility (Water)	Miscible
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Non-combustible / Non-flammable
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt) @ 40°C	Similar to Water
Explosive properties	Not explosive
Oxidizing properties	Not oxidising
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Incompatible materials.
Incompatible materials	Substances that react with water. Strong bases.
Hazardous decomposition product(s)	None anticipated.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact

Information on toxicological effects

Acute toxicity (calculated / estimated)	Oral: LD50 >2000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw
Irritation/Corrosivity	Causes severe skin burns and eye damage.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	Not to be expected
Carcinogenicity	Not to be expected

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Mutagenicity	Not to be expected
Reproductive toxicity	Not to be expected

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity



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Short term (estimated / calculated)

LC50 (96 hour): > 100 mg/L(fish)
EC50 (48 hour): > 100 mg/L (crustacea)
EC50 (96 hour): > 100 mg/L (algae)

Long Term

No data

Persistence and degradability

No data

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

The product has low mobility in soil.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

**Land transport
(U.S. DOT) ***

UN number

UN 3265

Proper Shipping Name

Corrosive liquid, acidic, organic, n.o.s. (contains: **)

Transport hazard class(es)

8

Packing group

III

Environmental hazards

No

Special precautions for user

None assigned

* Refer to 49 CFR 173.154 for limited and consumer commodity exceptions. **Contact supplier for full proper shipping name.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories:

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
None	-----	-----	-----



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SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

Date of preparation: December 9, 2015

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H290: May be corrosive to metals.
- H314: Causes severe skin burns and eye damage.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.

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