

Safety Data Sheet



DOT Not regulated

HMIS Graphic

Health Hazard	0
Fire Hazard	1
Reactivity	0

Revision Date 13-Jun-2014 Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name

Healthy Ponds

Blue Pond Water Colorant/Spray Pattern Indicator Tablet

Healthy Ponds

Blue Pond Water Colorant/Spray Pattern Indicator Pellets

Product Code S2019, 52021
Recommended Use Healthy Ponds Blue Pond Water Colorant/Spray Pattern Indicator Pell 52019, 52021
Color Additive

Contact Manufacturer

Bioverse, Inc. 1527 Prairie Dr, Suite 3 Worthington, MN 56187 Telephone: 507-727-1000 Fax: 507-727-1001

Emergency Telephone Number Chemtrec 1-800-424-9300 Emergency Phone Number (24 hours)

Outside US: 1-703-527-3887

Chemtrec Adminstrative Office Telephone Number 1-800-262-8200

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

ColorPhysical StateOdorBlue.PowderSlight

OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29)

CFR 1910.1200).

Potential Health Effects

Principle Routes of Exposure Eye contact, Skin contact, Inhalation

Acute Effects

Eyes May cause slight irritation by mechanical action.

Skin Substance may cause slight skin irritation in sensitive individuals.

Inhalation May be irritating to the respiratory tract.

Ingestion May be harmful if swallowed.

Chronic Effects Repeated contact may cause allergic reactions in very susceptible persons.

Aggravated Medical Conditions Excessive dust may aggravate pre-existing lung disease.

Interactions with Other Chemicals No information available.

Potential Environmental Effects There is no known ecological information for this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Chemical Name	CAS-No	Weight %
CITRIC ACID	77-92-9	8
MAGNESIUM STEARATE	557-04-0	0.13

Non-Hazardous Components

Chemical Name	CAS-No	Weight %
SODIUM BICARBONATE	144-55-8	PROPRIETARY
POLYETHYLENE GLYCOL	25322-68-3	PROPRIETARY
FD&C Blue #1	3844-45-9	50-70
SODIUM CHLORIDE	7647-14-5	PROPRIETARY

4. FIRST AID MEASURES

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. If symptoms persist, call a physician.

Skin ContactTo reduce coloration of the skin, wash off immediately with soap and plenty of water removing

all contaminated clothes and shoes to avoid coloration of the skin.

Inhalation Move to fresh air. If breathing is difficult provide oxygen.

Ingestion If the individual is conscious, clean mouth with water and afterwards drink plenty of water.

Consult a physician if necessary.

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammability Non-Flammable

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Unsuitable extinguishing media Not available.

Hazardous Combustion Products

The combustion of this product may emit obnoxious and toxic

fumes.

Explosion Data

Sensitivity to static discharge Material is not sensitive to static discharge. Material as with any

organic dust may be ignited by a static spark if extremely dusty

conditions are produced.

Sensitivity to mechanical impact Material is not sensitive to mechanical impact.

Specific Hazards Arising from the Chemical Keep product and empty container away from sources of heat.

Protective Equipment and Precautions for Firefighters

Use self-contained breathing apparatus and full protective

equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Ensure adequate ventilation. Avoid contact with the eyes to prevent irritation. Barriers and

protective equipment for the skin may be used to avoid discoloration. Use respiratory

protection if excessive dust will be created.

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods for Containment No information available. Avoid creating airbourne dust to the extent feasible.. Sweep and

scoop up and place material in a bag and hold for waste disposal.

Methods for Clean-up

Take up mechanically and collect in suitable container for disposal. Avoid dust formation. Take

precautionary measures against static discharges. Sweep or vacuum. Collect in a suitable container. Water or other cleanser may be used to facilitate clean up of buildings or equipment. Note: water contacting the product will be colored and should be disposed of in

accordance with local requirements.

Other Information Not applicable

7. HANDLING AND STORAGE

Handling Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe

vapours/dust. Avoid dust formation. Take precautionary measures against static discharges. Dust is combustible. Therefore, keep concentrations below ignitable concentrations in material handling equipment such as transfer lines and process equipment. Clean up residue to avoid

dust accumulation.

Storage Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Engineering Measures Minimize the creation of dust. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face Protection Safety glasses with side-shields.

Skin Protection Long sleeved clothing.

Respiratory Protection No special protective equipment required under conditions of normal use. If exposure to dust,

mist, and/or vapors is likely, a NIOSH approved respirator is recommended.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color Blue Odor Slight

Physical State Powder

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions.

Conditions to AvoidHeat, flames and sparks. Avoid dust formation.

Incompatible MaterialsNo materials to be especially mentioned.

Hazardous Decomposition ProductsNone under normal use. Material is non-combustible.

Possibility of Hazardous Reactions

None under normal processing.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SODIUMBICARBONATE	4220 mg/kg (Rat)		
POLYETHYLENE GLYCOL	28 g/kg (Rat)	20 g/kg (Rabbit)	
CITRIC ACID	3000 mg/kg (Rat)		
SODIUM CHLORIDE	3 g/kg (Rat)	10 g/kg (Rabbit)	42 g/m³ (Rat) 1 h

Chronic Toxicity

Carcinogenicity There are no known carcinogenic chemicals in this product

Subchronic Toxicity

Irritation This powder may cause mechanical irritation on contact with eye.

CorrosivityNot availableSensitizationNot availableNeurological EffectsNot available

Mutagenic Effects Not available

Reproductive Effects Not available

Developmental Effects Not available

Target Organ Effects Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects.

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
SODIUMBICARBONATE	h EC50 120 (650mg/L)	h LC50 96 Lepomis macrochirus	1	
		(8250-9000mg/L)		
POLYETHYLENE GLYCOL		LC50> 5000 mg/L Carassius	EC50= 100000 mg/L	
		auratus (24h)	(15min)	
CITRIC ACID		h LC50 96 Lepomis macrochirus	EC50= 14 mg/L (15min)	
		(1516mg/L)		
SODIUM CHLORIDE		LC50 4747 - 7824 mg/L		
		Oncorhynchus mykiss (96h)		
		LC50 5560 - 6080 mg/L Lepomis		
		macrochirus (96h)		
		LC50 6020 - 7070 mg/L Pimephales		
		promelas (96h)		
		LC50 6420 - 6700 mg/L Pimephales		
		promelas (96h)		
		LC50= 12946 mg/L Lepomis		
		macrochirus (96h)		
		LC50= 7050 mg/L Pimephales		
		promelas (96h)		

Persistence/Degradability

Bioaccumulation/ Accumulation Not available

Mobility in Environmental Media

Not available

Chemical Name	log Pow
CITRIC ACID	-1.72

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal.

US EPA Waste Number Not available

14. TRANSPORT INFORMATION

DOT Not regulated

<u>IATA</u> Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

Hazardous Components

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS	FIFRA
CITRIC ACID	Х	Х	-	Х	-	Х	Х	Х	Х	Х	-
MAGNESIUM STEARATE	Х	Χ	-	Х	-	Х	Х	Х	Х	Χ]-

Non-Hazardous Components

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS	FIFRA
SODIUMBICARBONATE	X	X	-	X	-	Χ	X	X	X	Χ	-
POLYETHYLENE GLYCOL	X	Χ	-	-	-	Χ	Χ	Χ	Χ	Χ	-
FD&C Blue #1	X	Χ	-	Х	-	Χ	Χ	Χ	Χ	Χ	-
SODIUM CHLORIDE	X	X	-	X	-	Χ	X	Х	X	Χ	-

<u>USA</u>

Federal Regulations

SARA 311/312 Hazardous Categorization

Acute Health Hazard

Chronic Health Hazard

No
Fire Hazard

No
Sudden Release of Pressure Hazard

No
Reactive Hazard

No

Federal Insecticide, Fungicide, and Rodenticide Act

This product does not contain any FIFRA chemicals.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
FD&C Blue #1	X				

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Chemical Name	Canada - WHMIS - Classifications of Substances				
SODIUMBICARBONATE	Uncontrolled product according to WHMIS classification criteria				
CITRIC ACID	E				
SODIUM CHLORIDE	Uncontrolled product according to WHMIS classification criteria				

16. OTHER INFORMATION

Revision Date 13-Jun-2014

Revision Summary Not available

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS