



DOT Not regulated

### HMIS Graphic

Health Hazard	<b>0</b>
Fire Hazard	<b>1</b>
Reactivity	<b>0</b>

Revision Date 13-Jun-2014

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Healthy Ponds<sup>®</sup> Blue Pond Water Colorant/Spray Pattern Indicator Tablet  
 Healthy Ponds<sup>®</sup> Blue Pond Water Colorant/Spray Pattern Indicator Pellets  
**Product Code** 52019, 52021  
**Recommended Use** 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 Administrative Office Telephone Number 1-800-262-8200



**4. FIRST AID MEASURES**

<b>Eye Contact</b>	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.
<b>Skin Contact</b>	To 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.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult provide oxygen.
<b>Ingestion</b>	If the individual is conscious, clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
<b>Notes to Physician</b>	Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Flammability</b>	Non-Flammable
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Not available.
<b>Hazardous Combustion Products</b>	The combustion of this product may emit obnoxious and toxic fumes.
<b>Explosion Data</b>	
<b>Sensitivity to static discharge</b>	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.
<b>Sensitivity to mechanical impact</b>	Material is not sensitive to mechanical impact.
<b>Specific Hazards Arising from the Chemical</b>	Keep product and empty container away from sources of heat.
<b>Protective Equipment and Precautions for Firefighters</b>	Use self-contained breathing apparatus and full protective equipment.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	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.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Containment</b>	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.
<b>Methods for Clean-up</b>	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.
<b>Other Information</b>	Not applicable



**11. TOXICOLOGICAL INFORMATION****Acute Toxicity****Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SODIUM BICARBONATE	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/m <sup>3</sup> (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.

**Corrosivity**

Not available

**Sensitization**

Not available

**Neurological Effects**

Not 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
SODIUM BICARBONATE	h EC50 120 (650mg/L)	h LC50 96 Lepomis macrochirus (8250-9000mg/L)	1	
POLYETHYLENE GLYCOL		LC50> 5000 mg/L Carassius auratus (24h)	EC50= 100000 mg/L (15min)	
CITRIC ACID		h LC50 96 Lepomis macrochirus (1516mg/L)	EC50= 14 mg/L (15min)	
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** Not available

**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

**IATA** 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	X	X	-	X	-	X	X	X	X	X	-
MAGNESIUM STEARATE	X	X	-	X	-	X	X	X	X	X	-

**Non-Hazardous Components**

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

**USA**

**Federal Regulations**

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	No
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
SODIUM BICARBONATE	Uncontrolled product according to WHMIS classification criteria
CITRIC ACID	E
SODIUM CHLORIDE	Uncontrolled product according to WHMIS classification criteria

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**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**