



MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION AND COMPANY DETAILS

Product Name:	Bio-Active™ Cyanuric Acid Reducer
Mfg. Product Code / Package Size:	301153 – 225 g / 8 oz.
Recommended Use:	Pool water treatment applications
Distributed by:	Bio-Active Products, Inc.
Website:	www.bioactivenow.com
Address:	42210 Roick Drive #10 Temecula, CA 92590 USA
Telephone Number:	+1 866-765-2704
Fax Number:	+1 951-296-6503
Emergency Telephone Number:	+1 866-765-2704
Manufactured by:	BiOWiSH Technologies, Inc.
Address:	2724 Erie Avenue, Suite B Cincinnati, OH 45208 USA
Revision Date:	12 January 2015 rev. 4.0



SECTION 2 - HAZARD(S) IDENTIFICATION

Emergency Overview:	This preparation is not considered to be hazardous to humans or the environment. Product has very low toxicity via ingestion, skin contact, or inhalation.
Possible Route of Entry:	Inhalation, ingestion, eyes, and skin.
Inhalation:	Inhalation of dust may cause respiratory tract irritation in some individuals.
Ingestion:	Ingestion of large quantities may cause nausea.
Skin / Eye Irritation:	Direct contact with skin or eyes may cause mild irritation in some individuals.
Section 2 Notes:	In the unlikely event that over-exposure occurs, follow first aid measures in section 4.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient:	Percent*
Biosafety Level 1 Organisms	0.1% - 1.0% (nominal)
Dextrose	95.0% - 99.0%
Section 3 notes:	This preparation contains no hazardous substances.
*Product is formulated to 100% based on the ingredient ranges above.	



SECTION 4 - FIRST AID MEASURES

General:	Remove from source of exposure. If irritation or other signs of toxicity occur, seek medical attention.
Eyes:	Hold eye open and rinse slowly and gently with plenty of water for at least 15 minutes. If present, remove contact lenses and continue rinsing eye.
Skin:	Remove contaminated clothing. Thoroughly wash skin with plenty of soap and water.
Inhalation:	Move person to fresh air. If person is not breathing, call an ambulance; then give artificial respiration.
Ingestion:	Call a doctor immediately if a large amount is swallowed. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

If poisoning occurs, contact your doctor or ring the Poison Help Hotline on 1-800-222-1222.

SECTION 5 - FIRE FIGHTING MEASURES

General:	Use methods and protective gear that are appropriate for the conditions and size of the fire.
Extinguishing Media:	Use appropriate media for underlying cause and combustibles involved in the fire.
Special Equipment:	Self-contained breathing apparatus and full protective gear according to the conditions and size of the fire.
Special Fire Fighting Procedures:	No special firefighting procedures.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing such as long-sleeved shirt, pants, waterproof gloves and shoes with socks.
Methods for Clean Up:	Carefully mop or sweep up spill and place in a closed container for disposal. Rinse area with water.
Fire hazards:	No unusual fire or explosion hazards.
Section 6 Notes:	Refer to section 8 for personal protection and section 13 for disposal considerations.



SECTION 7 - HANDLING AND STORAGE PRECAUTIONS

Handling:	Use handling procedures that minimize exposure to the product.
Waste Disposal Method:	Can be land applied or placed in a MSW registered landfill or used as a soil amendment. Follow all federal, state, and local regulations.
Storage:	Store in cool, dry, well ventilated location out of direct sunlight in an airtight container after opening. Do not mix with other products while stored.
Section 7 Notes:	Avoid contact with skin, eyes and clothing. Avoid inhalation of dust. Wash any contamination from skin or eyes immediately. Wash hands and exposed skin before eating, drinking, smoking or using the toilet.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

General:	Protective clothing should be selected according to the conditions likely to be encountered in the workplace. Ensure good ventilation. No exposure limits have been established.
Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to reduce airborne exposure at locations/operations where dust may be generated.

Personal Protective Equipment:

Respirator Type:	Not normally required. However, if needed, use a dust/mist filtering face mask.
Ventilation:	Mechanical (General)
Hands/Skin:	Gloves made from chemically resistant material such as neoprene, vinyl, rubber or nitrile.
Eye and Face:	Chemical safety goggles or safety glasses with side shields.
Other Clothing:	Wear suitable protective clothing such as long-sleeved shirt, pants, and shoes with socks.
Hygienic Practices:	Wash hands and exposed skin before eating, drinking, smoking or using the toilet.



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Powder
Colour:	Off white
Odor:	Mildly sweet, earthy odor
pH:	5.19 S.U.
Boiling Point:	Decomposes
Melting Point:	186.8°F
Flash Point (ASTM D92):	>400 F
Specific Gravity (H₂O = 1):	0.71
Evaporation Rate (Butyl Acetate = 1):	Not Available
Solubility in Water:	Dispersible in water.

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Material to Avoid):	None that are known.
Hazardous Decomposition or By-Products:	None that are known.
Conditions to Avoid:	None that are known.

SECTION 11 - TOXICOLOGICAL INFORMATION

Oral Toxicity:	No data available.
Dermal Toxicity:	No data available.
Inhalation Toxicity:	No data available.



SECTION 12 - ECOLOGICAL INFORMATION

Ecological Information:	With regard to environmental fate and behavior this product is not expected to impose any environmental risk.
Ecotoxicity Information:	No known conditions.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method:	Non Hazardous, refer to relevant Land Waste Management Authority
Special Precautions for Landfill:	All material is suitable for disposal through all common means of waste disposal including normal municipal landfill. Dispose of in accordance with Local, State and Federal EPA waste regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number:	None Allocated
UN Proper Shipping Name:	None Allocated
Dangerous Goods Class:	Not regulated for shipment by air or ocean freight.
Hazchem Code:	None Allocated

SECTION 15 - REGULATORY INFORMATION

Labeling According to EC Directives

Symbol:	Not Required
R-phrases:	Not Required
S-phrases:	Not Required



SECTION 16 – OTHER INFORMATION

Source of key data used to compile Safety Data Sheet:

Component supplier of Safety Data Sheets for product.

This MSDS contains only safety related information. For other data see product literature.

The information and recommendations in this MSDS are believed to be accurate. Part contents of the MSDS information enclosed was provided to this company by third parties and BiOWiSH Technologies makes no warranty expressed or implied in regards to the accuracy of the data or the results contained.

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