



SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Product Name:	BiOWiSH [®] Crop Liquid
Recommended Use:	Agronomy Crop Production
Company:	BiOWiSH Technologies, Inc.
Website:	www.biowishtech.com
Address:	2724 Erie Avenue, Suite C Cincinnati, OH 45208 USA
Telephone Number:	+1 312-572-6700
Fax Number:	+1 312-572-6710
Emergency Telephone Number:	+1 312-572-6760
E-mail	agronomy@biowishtech.com

SECTION 2 – HAZARD(S) IDENTIFICATION

Emergency Overview:	This product contains no substances which at their given concentration, are considered to be hazardous to humans, animals or the environment.
Classification:	Not classified as a hazardous substance or mixture in accordance with 29 CFR 1910 (OSHA HCS), amended to conform to the United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
OSHA / GHS Label Elements:	Signal Word: None Hazard Statement(s): None
Possible Route of Entry:	Ingestion, eyes, and skin.
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. See section 11 for additional toxicological information and section 12 for additional ecological information.
Emergency Overview:	This product contains no substances which at their given concentration, are considered to be hazardous to humans, animals or the environment.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient:	CAS	Percent*:
Active microbial cultures (Biosafety Level 1) in an aqueous suspension:	NA	99.0 – 99.9%
Calcium sulfate	10101-41-1	0.1 – 1.0%
Preservative	NA	0.01 – 0.1%
Section 3 notes:	*Exact percentage (concentration) of composition has been withheld as a trade secret.	

*As defined by the US Food & Drug Administration (FDA), certain substances are Generally Recognized as Safe (GRAS) under the conditions of their intended use and have been recognized as safe by qualified experts.

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.
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.
Notes:	If poisoning occurs, contact your doctor or call the Poison Help Hotline 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 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

Handling:	Use handling procedures that minimize exposure to the product.
Waste Disposal Method:	Follow all federal, state, and local regulations.
Storage:	Store in cool, dry location out of direct sunlight. Storage above 40°C (104°F) and below 4°C (39°F) for an extended period is not recommended. Once opened, keep in an airtight container to maintain the integrity of the product. Prevent spillage and separate from strong oxidizers.
Section 7 Notes:	Avoid contact with skin, eyes and clothing. Wash any contamination from skin or eyes immediately. Wash hands and exposed skin after handling product.

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.
Personal Protective Equipment	
Respirator Type:	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 after handling product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: (Physical state, color)	Liquid, light beige color	Solubility in Water:	Dispersible in water
Upper/lower flammability:	No information available	Initial boiling point/range:	Decomposes
Odor:	Mild odor	Ignitability (Flash Point) ASTM D92:	>100°C (212°F)
Vapor pressure:	No information available	Evaporation rate (Butyl Acetate = 1):	No information available
Odor threshold:	No information available	Flammability:	No information available
Vapor density:	No information available	Partition coefficient (n-octanol/water):	No information available
pH:	5 - 7 S.U.	Auto-ignition temperature:	No information available
Specific Gravity:	0.95 – 1.05	Decomposition temperature:	No information available
Melting/Freezing Point:	No information available	Viscosity:	No information available



SECTION 10 – STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Incompatibility (Material to Avoid):	Separate from strong oxidizers.
Hazardous Decomposition or By-Products:	None that are known.
Conditions to Avoid:	Storage above 40°C (104°F) and below 4°C (39°F) for an extended period is not recommended.

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 12 Notes:	Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.html

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Method:	Nonhazardous, refer to relevant Land Waste Management Authority.
Special Precautions for 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

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.
Revision Date:	26 JUL 2018

This Safety Data Sheet (SDS) contains only safety related information. For other data see product literature.

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