

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standards must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY:

BiOWiSH™ - Hydroponic

Note:

Blank spaces are not permitted. If any items are not applicable, or no information is available, the space must be marked to indicate that.

Section I:**Supplier's Name:**

BIOWISH TECHNOLOGIES
150 N MICHIGAN AVE STE 200
CHICAGO IL 60601

Emergency Telephone Number:

312-572-6760

Telephone Number for Information:

Chem Trec 800-262-8200

Date Prepared:**Date Revised:****Signature of Preparer (optional)****Section II: - Hazardous Ingredients/Identity Information:****Hazardous Components****(Specific Chemical Identity Common Name(s))****OSHA PEL****ACGIH TLV****Other Limits****Recommended****% (optional)**

The material contains proprietary constituents, none of which are known to be hazardous.

OSHA PEL Not Listed

ACGIH TLV Not Listed

Rat Oral LD 50 Not Listed

pH = 4.9

Section III: - Physical/Chemical Characteristics:

| | | | |
|--|-----------|--|------|
| Boiling Point: | N/A Solid | Specific Gravity (H₂O = 1) | 1.51 |
| Vapor Pressure (mm Hg.) at 20°C | NT | Melting Point: | NT |
| Vapor Density (AIR = 1) | NT | Evaporation Rate (Butyl Acetate = 1) | NT |

Solubility in Water:

Partially soluble in water and appears as a suspension with solids on bottom.

Appearance and Odor:

Tan powder

Section IV: - Fire and Explosion Hazard Data:

| | | | | |
|----------------------------------|--------|-----------------------------|----------------|----------------|
| Flash Point (Method Used) | >400°F | Flammable Limits: NT | LEL: NT | UEL: NT |
|----------------------------------|--------|-----------------------------|----------------|----------------|

Extinguishing Media:CO₂, water, or foam.**Special Fire Fighting Procedures:**

No special fire fighting procedures required.

Unusual Fire and Explosion Hazards:

The material does produce dust, thus in confined areas, be aware of the possibility of dust explosion.

This information is believed correct at the time of preparation of this MSDS, but it is to be used only as a guide for handling the chemical.

Section IV: - Fire and Explosion Hazard Data:

| | | | |
|-------------------|------------------|-----------------------------|----------------------|
| | | Conditions to Avoid: | |
| Stability: | Unstable: | | |
| | Stable: | x | No known conditions. |

Incompatibility (Materials to Avoid):

Non reactive to water, acid, and bases.

Hazardous Decomposition or By-Products:

Carbon monoxide or carbon dioxide can be produced in enclosed areas.

| | | | |
|---------------------------------|------------------------|-----------------------------|--|
| | | Conditions to Avoid: | |
| Hazardous Polymerization | May Occur: | | |
| | Will Not Occur: | x | |

Section VI: - Health Hazard Data:

| | | | | | | |
|---------------------------|--------------------|----|--------------|----|-------------------|----|
| Route(s) of Entry: | Inhalation? | No | Skin? | No | Ingestion? | No |
|---------------------------|--------------------|----|--------------|----|-------------------|----|

Health Hazardous (Acute and Chronic)

No known health hazards. If hypersensitive to the material, it can irritate skin. Dust can be inhaled and be an irritant.

| | | | | | | |
|-------------------------|-------------|----|-------------------------|------------|------------------------|----|
| Carcinogenicity: | NTP? | No | IARC Monographs? | Not Listed | OSHA Regulated? | No |
|-------------------------|-------------|----|-------------------------|------------|------------------------|----|

Signs and Symptoms of Exposure:

No specific conditions. Allergic conditions such as watery eyes, skin irritation, and shortness of breath.

Medical Conditions:

Allergy symptoms such as urticaria or watery eyes and nasal congestion. Respiratory problems such as coughing or emphysema could develop.

Emergency and First Aid Procedures:

In case of eye or skin contact, flush with water. Contact physician if condition persists.

In case of inhalation, provide fresh air (oxygen). Contact physician if condition persists.

Section VII: - Precautions for Safe Handling and Use:**Steps to be Taken in Case Material is released or spilled:**

Material can be scooped into a dumpster.

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.

Precautions to Be Taken in Handling and Storing:

No special precautions. Avoid formation of dust.

Other Precautions:

No special precautions.

Section VIII: - Control Measures:**Respiratory Protection (Specify Type):**

If dust is produced, use a particulate air filter mask.

| | | | | |
|---------------------|------------------------------|---|-----------------|--|
| Ventilation: | Local Exhaust? | | Special? | |
| | Mechanical (General)? | x | Other? | |

Protective Gloves:

Gloves are recommended if a person is allergic to the mixture.

Eye Protection:

Always wear protective eyewear.

Other Protective Clothing or Equipment:

No special equipment or clothing required.

Work/Hygienic Practices:

Normal work/hygienic practices.