



1-855-497-2749  
www.hyrbrix.com

## MATERIAL SAFETY DATA SHEET

### ALL NATURAL & ORGANIC VEGETABLE FERTILIZER

#### 1. Product Identification

Product Name: All Natural & Organic  
Vegetable Fertilizer  
Description: Fertilizer  
Manufacturer: HyR BRIX®  
2242 Berlin Station Road  
Delaware, Ohio 43015

#### Emergency & Information

Telephone #: 1-855-497-2749

#### 2. Hazards Identification

Description: HyR BRIX® All Natural & Organic Vegetable is an all-natural, organic fertilizer. This product is NOT known to be a "Hazardous Chemical" as defined by OSHA Hazard Communication Standard (29 CFR 1910.1200)

Precautionary statement: Harmful if swallowed-keep out of reach of children and pets.

Emergency Overview: Contact with skin and eyes may cause irritation.

Potential short term health effects:

Routes of exposure: eye, skin contact, inhalation, ingestion

Eyes: May cause irritation

Skin: May cause irritation.

Inhalations: Dust of this product may cause irritation of the nose, throat, and respiratory tract.

Ingestion: May cause stomach distress, nausea, or vomiting.

### 3. Composition/Information on Ingredients

| <u>Components</u>         | <u>CAS#</u> | <u>Percent</u> |
|---------------------------|-------------|----------------|
| Calcium sulfate dihydrite | 13397-24-5  | 10-60          |
| Potassium sulfate         | 7778-80-5   | 10-60          |
| Lignnosulfonate           | 1306-05-4   | 10-60          |
| High calcium lime         | 471-34-1    | 2-20           |
| Gypsum                    | 10101-41-4  | 2-20           |
| Leonardite                | 1415-93-6   | 2-20           |
| Sodium Chloride           | 7647-14-5   | 2-20           |

### 4. First-aid Measures

Eye contact: Contact with eyes may cause irritation. Flush eye with large amounts of water. If wearing contact lenses, remove lenses. Continue rinsing with water. If irritation continues, seek medical advice.

Skin contact: Irritation is not expected. Wash exposed area with soap and water. If irritation continues, seek medical advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have affected individual slowly drink water. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation: Move person to fresh air. If person is not breathing, call 911 and administer artificial respiration. Seek medical advice.

### 5. Fire-Fighting Measures

Flammable properties: Not flammable by OSHA criteria.

Suitable extinguishing media: Use media suitable to extinguish the source of the fire.

Fire fighting procedure: Use procedure suitable to extinguish the source of the fire.

Protection for firefighters: Firefighters should wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None

## 6. Accidental Release Measures

Environmental precautions: Do not apply directly to waterways or bodies of water.

Methods of containment: Sweep up promptly and put into appropriate container.

Methods of cleaning up. Use broom or dry vacuum to collect material for proper disposal. Rinse area with water. Prevent large spills from entering sewers or waterways.

## 7. Handling and Storage

Handling: Use good industrial hygiene practices in handling. Avoid container breakage to prevent spills.

Storage: Keep out of reach of children and pets. store container tightly closed and in a well ventilated location.

## 8. Exposure Controls/Personal Protection

| <u>Components</u>         | <u>ACGIH-TLV</u>     | <u>OSHA-PEL</u>      |
|---------------------------|----------------------|----------------------|
| Calcium sulfate dihydrite | 10 mg/m <sup>3</sup> | Not Known            |
| Potassium sulfate         | Not established      | Not established      |
| Lignnosulfonate           | Not established      | Not established      |
| High calcium lime         | Not Known            | 5 mg/m <sup>3</sup>  |
| Gypsum                    | Not Known            | 5 mg/m <sup>3</sup>  |
| Leonardite                | Not Known            | 10 mg/m <sup>3</sup> |
| Sodium Chloride           | Not established      | Not established      |

Engineering controls: Use adequate ventilation to keep airborne concentrations below recommended exposure standard.

Personal protective equipment:

Eye/face protection: Safety glasses as a precaution against particles entering the eye.

Hand protection: Wear gardening gloves as protection against possible skin irritation.

Skin and body protection: No special requirements.

Respiratory protection: No special requirements unless airborne levels are high or if being used in a confined area, then use an approved NIOSH respirator mask.

General hygiene considerations: Use in accordance with good industrial hygiene and safety practices. Do not eat or drink product. Always wash hands immediately after handling product. Always wash hands before eating or drinking.

## **9. Physical and Chemical Properties**

Physical appearance: Dry, granule

Color: Charcoal to dark gray

Appearance: Granule

Odor: Earthly to manure

Solubility: Appreciable

Flash Point: None, non-flammable

## **10. Stability and Reactivity**

Stable: Stable

Conditions to avoid: Temperatures over 500°F

Materials to avoid: May include, but not limited to strong acids, aluminum

Hazardous decomposition products: May include, but not limited to fumes of oxides of sulfur and calcium when heated to high temperatures.

Possibility of hazardous reactions: None

## **11. Toxicological Information**

Acute toxicity: Contact with eyes may cause irritation. May cause skin irritation in susceptible persons. Dust from product may cause irritation in nose, throat, and respiratory tract. Ingestions may cause stomach distress, nausea, or vomiting.

Chronic toxicity: Non-hazardous. Non-carcinogenic.

## **12. Ecological Information**

Ecotoxicity effects: Not available

Persistence/degradability: Not available

Bioaccumulative potential: Not available

Mobility: Not available

Aquatic toxicity: Not available

## **13. Disposal Considerations**

Waste disposal methods: Waste must be disposed

of in accordance with local, state, and national regulations.

Contaminated packaging: May be reused after cleaning thoroughly with soap and water.

**14. Transport Information**

U.S. Dept. of Transportation (DOT): Not regulated

**15. Regulatory Information**

CERCLA (Superfund) reportable quantity: None

CERCLA (SARA) 313 - None

CERCLA (SARA) 302 - None

**16. Other Information**

NFPA:

Health: 1      Flammability: 0      Reactivity: 0

HMIS:

Health: 1      Flammability: 0      Reactivity: 0

Rating: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

Disclaimer: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. However, no warranty or guarantee, express or implied is made as to the accuracy or reliability, and HyR BRIX® or any of its affiliates shall not be liable for any loss or damage arising out of the use thereof. In addition, HyR BRIX® or any of its affiliates shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of this product. Since conditions of actual product use are beyond control of the manufacturer, it is assumed that users of this product have read and understand the precautionary language and use directions on the product label.

