

# MATERIAL SAFETY DATA SHEET

## Micronized Soft Rock Phosphate

**EMERGENCY CALL 911 or CANUTEC: 1-(613) 996-6666 or \* 666 on cell phones**

### **Section 1: Product Information**

Manufacturers name and Address:

Hi Brix Manufacturing  
Box 5211  
Leduc, AB T9E 6L6

Trade Name: Micronized Soft Rock Phosphate

Synonyms: Phosphate Rock(minerals rock); apatite rock deposit; soft rock phosphate; organic rock phosphate.

**In case of emergency call 911 or Canutec: 1 (613) 996-6666 or \*666 on your cell phone**

### **2. Hazardous Ingredients**

Component	CAS No.	%	Exposure Limits	Hazard
Not Applicable				

### **3. Physical Data**

-Boiling Point: N/A

-Vapour Density: N/A

-Freezing Point: Decomposes

-Evaporation Rate: N/A

-Vapour Pressure: N/A

-Appearance and Odour: Brown crushed rock

### **4. Fire and Explosion Hazard Data**

Flammable Limits in air(upper):No Data

Flash Point (Degrees F):

Flammable Limits in air(lower):No Data

Means of extinction: Use water, CO2, dry chemical foam

Unusual Fire and Explosion Hazards: Avoid production in a dusty area where there is electrical or local burning.

### **5. Reactivity Data**

Stability: Very Stable when dry

Conditions of reactivity: Temperatures in excess of 150 degrees C.

Materials to avoid: Bases and Hypochlorite's

Hazardous Decomposition Products: Ammonia, Carbon Monoxide, Cyanuric Acid and sulphur dioxide.

### **6. Toxicology Properties**

Avoid contact with eyes, mouth or excess dust in ear cavities. May also cause irritation to skin upon contact. Also can cause lung damage, if dust is consumed on a regular basis due to the silica content.

Carcinogenicity: None of the materials are carcinogens.

### **7. Preventive Measures**

**Control measures:** Ventilate to control dust.

**Respiratory Protection:** A NIOSH or MSHA approved respirator should be worn when dust levels exceed 15 mg/m3

**Protective Clothing:** Normal clothing or coveralls, rubber gloves.

**Eye Protection:** Wear Safety glasses or goggles to avoid eye contact.

**Spill or Leak Precautions:** Sweep, shovel or vacuum into sealable waste containers. Flush area with plenty of water. Prevent contamination of sewers, streams, lakes, ponds and domestic waterways.

**Waste Disposal:** Dispose of in accordance with local, provincial and federal regulations. Return recovered material to manufacturer for recycling or reprocessing.

**Storage and Handling Precautions:** Keep out of reach of children. Store in a dry place. Do not store with seeds or foodstuffs. Avoid direct and prolonged contact with skin.

### **8. First Aid Measures**

**Primary Route of Exposure:** Skin or eye contact, inhalation.

If inhaled: Move victim to fresh air.

**In case of eye contact:** Flush immediately with large amounts of water for 15 minutes. Seek attention if irradiation persists.

**In case of skin contact:** Wash with soap and water. Flush affected areas with large amount of cold water. Contaminated clothing should be washed.

**If Swallowed:** Signs and symptoms: Excess ingestions must occur before any health hazard results.

Effects of overexposure may include nausea, vomiting, diarrhea, weakness or convulsions. Treatment:

For large amounts, seek medical attention.

### **9. Preparation Date**

Cindy Nikolaisen, High Brix Manufacturing 2017-11-08