

# MATERIAL SAFETY DATA SHEET

## BioFlora® Zinc



### EMERGENCY ASSISTANCE

For emergency assistance involving **BioFlora® Zinc** please call Global Organics® at (623) 932-1522 or (800) 471-1522. For product and sales information contact Global Organics® at (888) BioFlora.

### PRODUCT IDENTIFICATION

Product Name: **BioFlora® Zinc**  
Common Names/Synonyms: **None**

### HAZARDOUS INGREDIENTS / IDENTITY

Complies with OSHA 29 CFR XV11-1910, 1200 Section (1) "trade secrets". Contains no hazardous components under OSHA definitions.

### PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point, degrees F: 138° (280 C)  
Specific Gravity (H<sub>2</sub>O=1): Not available  
Avg. Weight per Gallon: 10.7 lb  
Solubility in water: Completely soluble  
Reactivity in water: Not applicable  
Appearance and odor: Black/brownish in color; slight odor.  
Avg. pH: 3.9

### FIRE & EXPLOSION DATA

Flash Point: None  
Auto-ignition temp: None  
Special fire procedures: Contain any liquid run-off.  
Extinguisher media: Not applicable  
Usual fire and explosion hazards: Sulfur trioxide fumes at temperatures above 575°C.

### PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable  
Conditions to avoid: Not available  
Incompatibility (materials to avoid): **Humega®**  
Hazardous decomposition products: Sulfur trioxide at temperatures above 575°C.  
Hazardous polymerization: Will not occur.

### SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

#### Precautions for handling & storage:

Store in plastic or stainless steel container in a cool, well ventilated, dry place at temperatures above 40°F. Do not store near food or feeds. Do not stack pallets more than (2) high.

**Containment:** Prevent spillage from entering water supplies or streams.

**Clean Up:** Collect liquid or absorb onto absorbent material and package disposal.

### HEALTH HAZARDS

#### Acute Effects:

Eyes: Mild irritant. May cause redness or burning.  
Skin: Mild irritant, especially from prolonged exposure. May cause redness.  
Ingestion: May cause stomach cramps and or nausea.  
Inhalation: Moderate irritant of nasal mucous membranes. May cause dry coughing, wheezing or chest tightness.

**Chronic Effects:** None known

#### Emergency & First Aid procedures:

Eyes: Rinse thoroughly with water for 15 minutes; see physician if needed.  
Skin: Wash thoroughly with soap and water.  
Ingestion: Give large volumes of water and induce vomiting. Call physician immediately.  
Inhalation: Move to fresh air; if difficulty breathing, call a physician.

### SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

**Local exhaust / ventilation:** No TLV established.  
**Mechanical:** Not applicable  
**Respiratory protection:** Not required  
**Protective Gloves:** Recommended  
**Eye Protection:** Wear eye protection  
**Other protective clothing or equipment:** Not applicable  
**Work hygienic practices:** Normal industrial hygiene. Keep out of reach of children.

