

# MATERIAL SAFETY DATA SHEET

## BioFlora™ Calcium 8%

NATURE KNOWS BEST™

BioFlora

### EMERGENCY ASSISTANCE

For emergency assistance involving **BioFlora™ Calcium 8%**, 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™ Calcium 8%**  
Common Names/Synonyms: **8% Calcium**

### 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:** >200° @ 1 AMT  
**Specific Gravity (H<sub>2</sub>O=1):** 1.3290  
**Avg. Weight per Gallon:** 11.1 lb  
**Solubility in water:** Completely soluble  
**Reactivity in water:** N/A  
**Appearance and odor:** Brownish-black liquid; mild odor.  
**Avg. pH:** 5.0

### FIRE & EXPLOSION DATA

**Flash Point:** None  
**Auto-ignition temp:** None  
**Special fire procedures:** None  
**Extinguisher media:** N/A  
without flame.  
**Usual fire and explosion hazards:** None

### PHYSICAL HAZARDS (REACTIVITY DATA)

**Stability:** Stable  
**Conditions to avoid:** None known  
**Incompatibility (materials to avoid):** Do not mix with phosphate fertilizers in low volume irrigation systems. Avoid mixing with aqua ammonia, Mega-Sul, sulfuric acid, urea sulfuric acid, soil fumigants, phosphorus or sulfate-based materials.

**Hazardous decomposition products:** None, material is non-combustible.

**Hazardous polymerization:** Will not occur.

### HEALTH HAZARDS

**Acute:** N/A

**Chronic:** N/A

**Signs & symptoms of exposure:** May dry out sensitive skin after prolonged contact; will stain skin.

**Medical conditions generally aggravated by exposure:** None

**Chemical listed as carcinogen or potential carcinogen:** None

**National toxicology program:** No

**I.A.R.C. Monographs:** No

**OSHA:** No

### Emergency & First Aid procedures:

#### Routes of entry:

**Inhalation:** None

**Eyes:** Rinse thoroughly with water for 5 minutes; see physician if needed.

**Skin:** None.

**Ingestion:** Dilute with water, see physician.

### SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

#### Precautions for handling & storage:

Shake well or rotate before use. In case of accidental exposure, flush with water.

#### Other precautions:

Area of spill may become slippery, product will stain skin, clothes, masonry, concrete and wood.

**Steps for released or spilled:** No special requirements known.

#### Waste disposal methods:

Disposal of material in accordance with all local, state and federal laws and regulations; no special requirement known.

### SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

**Local exhaust / ventilation:** Normal.

**Mechanical:** N/A

**Respiratory protection:** None required.

**Protective Gloves:** Recommended.

**Eye Protection:** Advisable.

**Other protective clothing or equipment:** Not required.

**Work hygienic practices:** Normal industrial hygiene.

