

# MATERIAL SAFETY DATA SHEET

## BioFlora® 4 - 9 - 4



### EMERGENCY ASSISTANCE

For emergency assistance involving BioFlora® 4-9-4, please call Emergency Assistance please call Bioflora Pty Ltd 0413 839 878. For product and sales info call Bioflora Pty Ltd 0413 839 878.

### PRODUCT IDENTIFICATION

Product Name: BioFlora® 4-9-4  
Common Names/Synonyms: 4-9-4

### 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 C: 37.77° @ 1 AMT  
Specific Gravity (H<sub>2</sub>O=1): 1.027  
Avg. Weight per Gallon: 1.15 kg per liter  
Solubility in Water: 96% soluble  
Appearance and odor: Black liquid, very pungent fish odor  
Avg. pH: 2.7

### FIRE & EXPLOSION DATA

Flash Point: None  
Auto-ignition temp: None  
Special fire procedures: None  
Extinguisher media: Not applicable  
without flame.  
Usual fire and explosion hazards: None

### PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable  
Conditions to avoid: None known  
Incompatibility (materials to avoid): None  
Hazardous decomposition products: None known  
Hazardous polymerization: None known

### HEALTH HAZARDS

Acute: None known  
Chronic: None known  
Signs & symptoms of exposure: May dry out sensitive skin after prolonged contact; fish smell on 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 15 minutes; see physician if needed.  
Skin: Rinse thoroughly with used, cool coffee grounds to remove smell.  
Ingestion: Induce vomiting; if pain occurs, see physician.

### SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

Precautions for handling & storage: Shake well or rotate before use. Store in cool area, keep out of direct sunlight.  
Other precautions: Area of spill may become slippery.  
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: Not applicable  
Respiratory protection: None normally required.  
Protective Gloves: Recommended mainly for smell.  
Eye Protection: Wear eye protection.  
Other protective clothing or equipment: May stain clothing.  
Work hygienic practices: Normal industrial hygiene

