

# **GENESIS® LEONARDITE HUMATE LIQUID**

## **MATERIAL SAFETY DATA SHEET**

Microbial Solutions (Pty) Ltd  
P O Box 103, Kya Sand, 2163  
Republic of South Africa

Tel: (011) 462-2408  
Fax: (011) 462-2296

### **Identification**

Product Name: **GENESIS® LEONARDITE HUMATE LIQUID**  
Description: Leonardite based product.  
Hazardous Ingredients: None. Not regulated.

### **Physical Data**

Boiling Point: Not known  
pH: 8.5 - 9.5  
Solubility in water: 100% liquid  
Appearance: Black liquid.

### **Fire and Explosion Hazard Data**

Ignition Temperature; Not combustible  
Extinguishing media: N/A  
Special fire fighting procedures: None

### **Reactivity Data**

Stability: Stable  
Hazardous polymerisation: None  
Conditions to avoid: None  
Materials to avoid: None  
Hazardous decomposition: None

### **Toxicity Information**

Acute toxicity: No applicable information.  
Chronic Toxicity: No toxic effects known  
Mutagenicity: None

### **First Aid**

Ingestion: None recommended. Consult physician.  
Inhalation: N/A  
Skin contact: Wash with soapy water  
Eye contact: Flush with clean water. Consult physician.

### **Special protection Information**

Respiratory protection: No adverse cases reported. However in the interests of good farming practices use approved respiratory when spraying, and do not inhale mist.  
Eye protection: No adverse cases reported. However in the interests of good farming practices use safety goggles when applying.

### **Spill or Leak Procedures**

Steps recommended: Clean up spill with soapy water. No special restrictions on disposal of wash water.

### **Special Precautions**

Handling and Storage: Keep containers closed when not in use to minimise the risk of spillage. Use good industrial hygiene practises. This material is not considered a hazardous material and may be disposed of in landfills or sanitary sewers.

### **Regulatory Information**

EPA: This material is not considered to meet any hazard category.  
Act 36 of 1947: Not applicable, does not fall under the Act  
Transportation: Classification for this product is: Not regulated.  
Dot Classification: Non-toxic, Chemical NOI,  
Non-hazardous