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## LIKUIQ® SEMIA

### MSDS

## MATERIAL SAFETY DATA SHEET

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### Identification

Product Name: **LIKUIQ® Semia**

Description: Non-pathogenic, beneficial *Bradyrhizobium elkanii* sp. suspension in water.

### Hazardous Ingredients

None: Not regulated under USA OSHA Hazard Communication Standard, 29CFR1910.1200

### Physical Data

Boiling Point: 100°C  
pH: ± 4  
Dispersion in water: 100%  
Appearance: Dark liquid in plastic bag.

### Fire and Explosion Hazard Data

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

### Reactivity Data

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

### **Toxicity Information**

Acute toxicity:	None known, but if in doubt consult physician
Ingestion:	Non-toxic natural bacteria
Inhalation:	No applicable information
Skin contact:	Non-irritating
Eye Contact:	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 spill with soapy water. No special restrictions on disposal of wash water. If desired disinfect spill area with clean water to which household bleach is added at the rate of one half cup per 20 litres water.
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### **Special Precautions**

Handling and Storage:	Keep containers closed when not in use to minimise the risk of spillage. Use good industrial hygiene practises. Store in cool dry area; do not freeze. This material is not considered a hazardous material and may be disposed of in landfills or sanitary sewers.
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### **Regulatory Information**

US EPA:	This material is not considered to meet any hazard category of SARA Title III.
Transportation:	Classification for this product is: Not regulated. Dot Classification: Non-toxic, Chemical NOI, Non-hazardous