



Microbial Solutions (Pty) Ltd
P O Box 1180, Strubens Valley 1735
Tel: 011 475-4362.
Fax: 086 610 7809.

FIRSTBASE®2 SEED

MSDS

MATERIAL SAFETY DATA SHEET

June 2014

Identification

Product Name: **FIRSTBASE®2 SEED**

Description: Non-pathogenic, beneficial *Bacillus 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: Tan liquid.

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.
--------------------	---

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.
-----------------------	---

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