

Bio-Dechlor INOCULUM™
MATERIAL SAFETY DATA SHEET (MSDS)

Last Revised: February 10, 2004

Section 1 - Material Identification

Supplier:



REGENESIS

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Chemical Name: Soil Born Bacteria Extract Solution
Chemical Family: Organic Chemical
Trade Name: Bio-Dechlor INOCULUM™
**Product Use: Used in the remediation of contaminated groundwater
(environmental applications)**

Section 2 – Chemical Information

<u>CAS#</u>	<u>Chemical</u>
Not Available (NA)	Soil Bacteria
50-21-5	Lactic Acid
8013-01-2	Yeast Extract

Section 3 - Physical Data

Physical State:	Liquid
Boiling Point:	Not Determined (ND)
Flash Point:	ND
Density:	1.0-1.1 g/cc
Solubility:	Water
Appearance:	Yellow Liquid
Odor:	Very Strong Rancid Odor

Section 4 - Fire and Explosion Hazard Data

Extinguishing Media: **Carbon Dioxide, Dry Chemical Powder or Appropriate Foam.**

Water may be used to keep exposed containers cool.

For large quantities involved in a fire, one should wear full protective clothing and a NIOSH approved self contained breathing apparatus with full face piece operated in the pressure demand or positive pressure mode as for a situation where lack of oxygen and excess heat are present.

Section 5 - Health Hazard Data

Handling: **Avoid contact with skin. Avoid contact with eyes.**

In any case of any exposure which elicits a response, a physician should be consulted immediately.

First Aid Procedures

Inhalation: **Remove to fresh air. If not breathing give artificial respiration. In case of labored breathing give oxygen. Call a physician.**

Section 5 - Health Hazard Data (cont)

Ingestion: No effects expected. Do not give anything to an unconscious person. Call a physician immediately.

Skin Contact: Flush with plenty of water. Contaminated clothing may be washed or dry cleaned normally.

Eye contact: Wash eyes with plenty of water for at least 15 minutes, lifting both upper and lower lids. Call a physician.

Section 6 - Toxicological Information

Acute Effects: May be harmful by inhalation, ingestion, or skin absorption. May cause irritation. To the best of our knowledge, the chemical, physical, and toxicological properties of Bio-Dechlor INOCULUM have not been investigated.

Section 7 - Reactivity Data

Conditions to Avoid: Strong oxidizing agents, bases and acids

Hazardous Polymerization: None known

Section 8 - Spill, Leak or Accident Procedures

After Spillage or Leakage: Neutralization is not required. The area should be disinfected with a 5% bleach solution

Disposal: Laws and regulations for disposal vary widely by locality. Observe all applicable regulations and laws. This material, may be disposed of in a solid waste landfill. Material is readily degradable and hydrolyses in several hours.

No requirement for a reportable quantity (CERCLA) of a spill is known.

Section 9 - Special Protection or Handling

Should be stored in plastic lined steel, plastic, glass, aluminum, stainless steel, or reinforced fiberglass containers.

Protective Gloves: Vinyl or Rubber

Eyes: Splash Goggles or Full Face Shield. Area should have approved means of washing eyes.

Ventilation: General exhaust.

Storage: Store in cool, dry, ventilated area. Protect from incompatible materials.

Section 10 - Shipping Information

D.O.T Shipping Name No limitations on shipping this material.

Section 11 - Other Information

This material will degrade in the environment. Materials containing reactive chemicals should be used only by personnel with appropriate chemical training.

The information contained in this document is the best available to the supplier as of the time of writing. Some possible hazards have been determined by analogy to similar classes of material. No separate tests have been performed on the toxicity of this material. The items in this document are subject to change and clarification as more information becomes available.