

MATERIAL SAFETY DATA SHEET

BioWorld Bioremediation Enhancer

Identify

BioWorld Products LLC
Manufacturer

MSDS Number*

8244 West Hillsdale Court
Address

CAS Number*

Visalia, California 93291 USA

4/24/01
Date Prepared

(559) 651-2042
Phone Number for Information

db/tih
Prepared By

(559) 651-9041 (24 hours)
Fax Number

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Components - Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	Other Limits Recommended
Non-Hazardous Ingredients: Natural Biotechnology Formulation. Nontoxic, Noncorrosive, Nonpathogenic.				
Soluble Liquid Nutrients for Microbial Enhancement and Reproduction Vitamins & Minerals, Amino Acids, Polysaccharides, Esters, Alcohols, Oils, Proteins, Fats, Organic Acids, Enzymes, Ammonium Phosphate, Urea, Potassium, Nitrate, Phosphoric Acid	100			
Total	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 212° F/100°C	Specific Gravity (H ₂ O = 1): 1.180
Vapor Pressure (mm Hg and Temperature): 17 mm. Hg	Melting Point: N/A
Vapor Density (Air = 1): Not apply	Evaporation Rate (_____ = 1): N/A
Solubility in Water: 100%	Water Reactive: No
Appearance and Odor: Blue in color with floral odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used: Non Flammable	Auto-Ignition Temperature: N/A	Flammability Limits in Air % by Volume: Non Flammable	LEL:	UEL:
Extinguisher Media: All				
Special Fire Fighting Procedures: None				
Unusual Fire and Explosion Hazards: None known				

SECTION 4 - REACTIVITY HAZARD DATA

Stability: Stable Unstable | Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): Strong acids or bases, oxidizing or reducing agents

Hazardous Decomposition Products: None

Hazardous Polymerization: May Occur Will not Occur | Conditions to Avoid: N/A

SECTION 5 - HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation Skin Absorption Ingestion Not Hazardous | Carcinogen Listed In: NTP IARC Monograph OSHA Not Listed

Health Hazards: Acute: _____ Chronic: _____

Signs and Symptoms of Exposure: None expected in normal use.

Medical Conditions Generally Aggravated by Exposure: None

Emergency First Aid Procedures - Seek medical assistance for further treatment, observation, and support if necessary.

Eye Contact: Irrigation with running water.

Skin Contact: Wash in running water.

Inhalation: Seek fresh air location. Contact physician if conditions persist.

Ingestion: Drink water. Contact physician if conditions persist.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): N/A

Protective Gloves: Rubber Gloves | Eye Protection: Goggles

Ventilation to be Used: Local Exhaust Mechanical (general) Special
 Other (specify) _____

Other Protective (Clothing and Equipment): N/A

Hygienic Work Practices: N/A

SECTION 7- PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material is Spilled or Released: Contain spill, mop up or vacuum.

Waste Disposal Methods: Pour into sewage system as shown on label; product will increase the activity in sewage systems.
Can apply to open field.

Precautions to be Taken in Handling and Storage: Do not freeze - container may break. Material may be stored outside.

Other Precautions and/or Specific Hazards: Avoid eye and skin contact.