

MATERIAL SAFETY DATA SHEET

BioWorld Hydrocarbon Digesting Microbes Dormant

Identify

BioWorld Products LLC
Manufacturer

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Address

Visalia, California 93291 USA

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MSDS Number*

CAS Number*

5/2/01
Date Prepared

db/tih
Prepared By

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	100			
Selected Natural Microorganisms for Hydrocarbon Biodegradation				
Other Digestive Strains				
Naturally Occurring Enzymes				
Surfactants				
Total	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H ₂ O = 1): N/A
Vapor Pressure (mm Hg and Temperature): N/A	Melting Point:
Vapor Density (Air = 1): N/A	Evaporation Rate (_____ = 1):
Solubility in Water: N/A	Water Reactive:
Appearance and Odor: Bran Powder; Light Brown Color; Yeast Odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used: N/A	Auto-Ignition Temperature:	Flammability Limits in Air % by Volume:	LEL:	UEL:
Extinguisher Media: N/A				
Special Fire Fighting Procedures: N/A				
Unusual Fire and Explosion Hazards: N/A				

SECTION 4 - REACTIVITY HAZARD DATA

Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid: Avoid exposure to moisture. DO NOT WET. Store above 33°F (10°C) and below 110°F (43°C)
Incompatibility (Materials to Avoid): Water	
Hazardous Decomposition Products: N/A	
Hazardous Polymerization <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will not Occur	Conditions to Avoid:

SECTION 5 - HEALTH HAZARD DATA

Primary Routes of Entry	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion	Carcinogen Listed In	<input type="checkbox"/> NTP	<input type="checkbox"/> OSHA
	<input checked="" type="checkbox"/> Skin Absorption	<input type="checkbox"/> Not Hazardous		<input type="checkbox"/> IARC Monograph	<input type="checkbox"/> Not Listed
Health Hazards:	Acute: Chronic:				
Signs and Symptoms of Exposure: N/A					
Medical Conditions Generally Aggravated by Exposure: Individuals allergic to enzymes or proteins should avoid contact.					
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: Allergic reactions to enzymes may occur in some sensitive individuals.					
Ingestion: Nontoxic, slight irritation may occur.					

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): Surgical/Dust mask or equivalent.		
Protective Gloves: Yes	Eye Protection: Yes (dust)	
Ventilation to be Used	<input checked="" type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical (general) <input type="checkbox"/> Special
	<input type="checkbox"/> Other (specify)	
Other Protective Clothing and Equipment: Dust Protection		
Hygienic Work Practices:		

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

Steps to be Taken if Material is Spilled or Released: Sweep up/collect; avoid direct skin contact and direct inhalation of dust.
Waste Disposal Methods: No special disposal method. May be discharged into sewer; compatible with most waste treatment facilities, or lakes and streams.
Precautions to be Taken in Handling and Storage: Keep dry at room temperature. Avoid direct skin contact.
Other Precautions and/or Specific Hazards: Do not ingest. Avoid dust. Wash hands with soap and water after use. Individuals sensitive to enzymes or other related proteins should not handle.