

## Material Safety Data Sheet

**U.S. Department of Labor:** Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072. May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements. This MSDS complies with 29CFR1910.1200, Hazard Communication Standard.

### PRODUCT IDENTITY: **AQ-4 Aquaculture+**

#### SECTION I: MANUFACTURING INFORMATION

**MANUFACTURER:** MATERIALS SCIENCE COMPANY  
1611 Cold Springs Rd  
Williamstown, MA 01267

**INFORMATION / CONTACT:** MICROBE TECH. INC.  
2840 Hwy 90 Alt. S. #7  
Silver Springs, NV 89429

DOT CLASS: Not Regulated  
UN NUMBER: NA

DATE PREPARED: January 10, 2006

#### SECTION II - HAZARDOUS INGREDIENTS / IDENTITY / INFORMATION

HAZARDOUS COMPONENTS:	None, Non-Toxic, No Hazardous Components	COMPOSITION	CAS #	HAZARD
GENERIC ID:	Aquatic Bioremediation Microbial Mixes	Microbes; viable, dormant	ATCC	None
HAZARD CLASSIFICATION:	Health = 1    Fire = 0    Reactivity = 0	Fulvic / Humic Acid	68514-28-3	None
DOT SHIPPING CLASS:	50	Plant Enzymes	None	None

#### SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	NA	Evaporation Rate	NA	Vapor Pressure (mm Hg)	NA
Specific Gravity (H2O = 1)	1.6	(Butyl Acetate = 1)	NA	Melting Point	NA
Odor	Slight and Sweet	Solubility in Water	100%	Vapor Density (AIR = 1)	NA
Appearance	Dark Brown Powder				

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	N/A	UEL	N/A	Unusual Fire and Explosion Hazards	NONE
Flammable Limits	N/A	Extinguishing Media	N/A		
LEL	N/A	Special Fire Fighting Procedures	NONE	OSHA 174, Sept. 1985	

#### SECTION V - REACTIVITY

Stability	N/A	Stable	YES	Hazardous	NO
Unstable	N/A	Incompatibility ( <i>Materials to Avoid</i> )	NONE	Polymerization May Occur	NO
Conditions to Avoid	N/A	Hazardous Decomposition or Byproducts	NONE	Conditions to Avoid	NONE

#### SECTION VI - HEALTH HAZARD DATA

Inhalation:	Inhaling dust from these products could cause lung or mucus membrane irritation.	Health Hazards?	NONE	IARC Monographs?	N/A	Medical Conditions	N/A
Skin/Eyes:	Flush with clean water. If irritation persists see physician.	Carcinogenicity?	N/A	OSHA Regulated?	N/A	Aggravated by Exposure	N/A
Ingestion:	Ingestion of these products could cause irritation of the mouth and possible choking.	NTP?	N/A	Signs and Symptoms of Exposure	N/A	Emergency and First Aid Procedures	N/A

#### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps if Material is Released or Spilled: Avoid inhalation of dust	Precautions in Handling and Storing: Avoid inhalation of dust
Waste Disposal Method: Can be disposed in standard landfill	Other Precautions: Safety glasses with side shields

#### SECTION VIII - CONTROL MEASURES

Use dust mask in enclosed areas	YES (OSHA Approved)	Special	NO	Protective Gloves	For prolonged handling
Ventilation	YES (Dust control only)	Mechanical ( <i>General</i> )	NO	Eye Protection	YES (Dust control only)
Local Exhaust	N/A	Other	NONE		
Other Protective Clothing or Equipment	Gloves recommended	Work/Hygienic Practices	N/A	* U.S.G.P.O.: 1986 - 491 - 529/45775	