

Material Safety Data Sheet						
<p>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. No toxic chemicals subject to the reporting requirements of Section 313 of Title 40CFR 372 are present. All cultures listed on USEPA TSCA Inventory as exempt from reporting. Components not listed are non-hazardous or less than 1%.</p> <p>The MSDS information contained within is believed to be correct and represents the current opinion of reliable experts on the use and regulation of the AQ-5 Aquaculture product. No warranty, guarantee or representation is made as to the correctness of the information stated in this AQ-5 product. The user of the AQ-5 product is the responsible party to apply all necessary safety measures to safely use this product by itself, or in combination with other products, and determine it's environmental regulatory compliance obligation under any applicable federal, state or local laws.</p>						
PRODUCT IDENTITY: AQ-5 AQUACULTURE						
SECTION I: MANUFACTURING INFORMATION						
MANUFACTURER: MATERIALS SCIENCE COMPANY 651 Chippewa Street Lumberton, SC 28358		INFORMATION / CONTACT: MICROBE TECH. INC. 1420 Tubbs Lane Calistoga, CA 94515 877-764-2962 or 707-942-9348				
PROPER SHIPPING NAME: AQ-5						
SECTION II - HAZARDOUS INGREDIENTS / IDENTITY / INFORMATION						
HAZARDOUS COMPONENTS:	None, Non-Toxic, No Hazardous Components		COMPOSITION	CAS #	HAZARD	
GENERIC ID:	Live aquatic and soil bacteria cultures in spore form		Microbes; viable, dormant	ATCC	None	
HAZARD CLASSIFICATION:	Health = 1	Fire = 0	Reactivity = 0	Fulvic / Humic Acid	68514-28-3	None
DOT SHIPPING CLASS: 50	Not regulated		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 Brownish Gray 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	Water, Carbon Dioxide, Dry Chemical/foam			
LEL	N/A	Special Fire Fighting	NONE		OSHA 174, Sept. 1985	
SECTION V - REACTIVITY						
Stability	YES	Stable	YES	Hazardous	NO	
Unstable	NO	Incompatibility (<i>Materials to Avoid</i>)	NONE	Polymerization May Occur	NO	
Conditions to Avoid	Strong acids, chemicals, alkali compounds, organic solvents		Hazardous Decomposition or Byproducts	NONE	Conditions to Avoid	NONE
SECTION VI - HEALTH HAZARD DATA						
Medical Conditions	YES	Routes of entry: inhalation, skin, eyes, ingestion			Carcinogenicity	NONE
Inhalation:	YES	Inhalation of dust could irritate the respiratory tract or initiate choking			OSHA Regulated?	N/A
Skin/Eyes:	YES	Direct contact with eyes could result in irritation and/or infection.			IARC Monographs?	N/A
Ingestion:	YES	Ingestion of large quantities may cause irritation or choking				
Signs and Symptoms of Exposure	None Expected	Potential irritation and redness of eyes and skin, allergic reaction, choking. Lungs aggravated by exposure may result inn asthmatic response. Persons in chemotherapy should consult physician			Handling bacteria products	MAYBE
Emergency and First Aid Procedures	YES	Use protective measures to avoid exposure (respirator). Flush eyes (15 minutes) and skin with water				
SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps if Material is Released or Spilled: Collect and reuse. Wash off runoff will clean drains and sewers			Precautions in Handling and Storing: Store in dry and cool area, avoid dust creation			
Waste Disposal Methods: Use immediately, wash to sewer, to standard landfill			Other Precautions: Follow product directions			
SECTION VIII - CONTROL MEASURES						
Dust mask. Airborne dust levels above TLV require NIOSH/MSHA respirator	YES (OSHA Approved)	Special	NO	Gloves	Non-porous gloves	
Ventilation: Use sound handling practices	YES Dust control	Mechanical (<i>General</i>)	NO	Eye Protection	Goggles, safety glasses, face shield	
Local Exhaust	Filter out dust if present	Other: Wash clothing alone	YES			
Other Protective Clothing or Equipment: Non-porous coveralls or apron	Cover open wounds with clean dressing	Work/Hygienic Practices: Wash hands after use	Hygienic	* U.S.G.P.O.: 1986 - 491 - 529/45775		