

MATERIAL SAFETY DATA SHEET

 Product
Identity

Fish Protein
Section I

Manufacturer's Name Bio Ag Services Corporation	Emergency Telephone Number (559) 268-2835
Address 4217 W Muscat Avenue Fresno California 93706	Telephone Number for Information (559) 268-2835
Date Prepared October 8, 2001	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components	C.A.S. No.	OSHA PEL	ACGIH	Other Limits	%
Sodium Aluminosilicate, Zeolex HMIS Code = 1-0-0 (Amorphous Silicate-Precipitated)	None Available	n/a	10 mg/m ³	n/a	LT 1%
Procolytic Enzyme	None Available	n/a	.06ug/m ³	n/a	LT 1%
Anti-Oxidant, Santoquin	None Available	n/a	10 mg/m ³	n/a	LT 1%
Non-Hazardous Ingredients					Total 100%

Section III - Physical/Chemical Characteristics

Boiling Point	n/d	Specific Gravity (H ₂ O = 1)	1.2
Vapor Pressure (mm Hg)	As H ₂ O	Melting Point	n/d
Vapor Density (AIR = 1)	As H ₂ O	Evaporation Rate (Butyl Acetate = 1)	As H ₂ O
Solubility in Water	100%	Water Reactive	n/d
Appearance and Odor	Green-Brown color, Fish Odor.		

Section IV - Fire and Explosion Hazard Data

Flash Point	n/d	Flammable Limits	LEL -	n/d	UEL -	n/d
Extinguishing Media	No special requirements					
Special Fire Fighting Procedures	No special requirements					
Unusual Fire and Explosion Hazards	None Known					

Section V - Reactivity Data

Stability	Stable
Incompatibility	None Known
Hazardous Decomposition Byproducts	None Known
Hazardous Polymerization	Will not occur
Conditions to Avoid	Avoid getting wet prior to use.

Section VI - Health Hazard Data

Routes of Entry	Inhalation	Skin	Ingestion
	Slight hazard	Possible local irritation	None
Health Hazards	Prolonged exposure to dust may cause an allergic reaction of mucous build-up in eyes, nose, and throat. This is a temporary, typical reaction to any foreign proteins.		
Carcinogenicity	Materials in this product are not considered carcinogens or teratogens.		
Signs and Symptoms of Exposure	Possible skin reddening if not washed off affected area, lung congestion if breathed.		
Medical Conditions Generally Aggravated	None Known		
Emergency and First Aid Procedures	Eyes - flush with water for 15 minutes. Skin - wash with soap and water. Inhaled - remove to fresh air.		

Section VII - Precautions for safe handling and use

If accidentally spilled, sweep dry if possible or flush with water.	
Waste Disposal	Check applicable local rules for organic waste.
Precautions for Handling and Storage	should be stored in a cool dry area.
Other Precautions	None considered necessary.

Section VIII - Control Measures

Respiratory Protection	Approved dust mask
Ventilation	Natural ventilation is usually adequate.
Protective Gloves	If sensitive to protein
Eye Protection	Chemical goggles.
Other Protective Clothing or Equipment	Eye bath, shower, oxygen mask should be available.
Work Hygienic Practices	Wash hands and clothing after handling product.