

MATERIAL SAFETY DATA SHEET – 9 Sections

SECTION 1 – PRODUCT INFORMATION

Product Identifier Acti-Zyme		WHMIS Classification (optional)	
Product Use Sludge and odour reduction			
Manufacturer's Name Acti-Zyme Products Ltd		Supplier's Name Acti-Zyme Products Ltd	
Street Address 655-1755 Robson Street		Street Address 655-1755 Robson Street	
City Vancouver	Province BC	City Vancouver	Province BC
Postal Code V6G 1C9	Emergency Telephone 604-684-8921	Postal Code V6G 1C9	Emergency Telephone 604-684-8921

SECTION 2 – HAZARDOUS INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD ₅₀ of Ingredient (specify species and route)	LC ₅₀ of Ingredient (specify species)
Non Hazardous Enzyme Protein Complex	Proprietary	Enzyme Formula		

SECTION 3 – PHYSICAL DATA

Physical State Powder	Odour and Appearance Grey, with earthy odour		Odour Threshold (ppm) not applicable
Specific Gravity not available	Vapour Density (air = 1) not applicable	Vapour Pressure (mmHg) not applicable	Evaporation Rate not applicable
Boiling Point (°C) not applicable	Freezing Point (°C) not applicable	pH not available	Coefficient of Water/Oil Distribution not applicable

SECTION 4 – FIRE AND EXPLOSION DATA

Flammability <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions?		
Means of Extinction not applicable			
Flashpoint (°C) and Method none	Upper Flammable Limit (% by volume) not applicable	Lower Flammable Limit (% by volume) not applicable	
Autoignition Temperature (°C) not applicable	Explosion Data – Sensitivity to Impact not available	Explosion Data – Sensitivity to Static Discharge not available	
Hazardous Combustion Products none			

SECTION 5 – REACTIVITY DATA

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?
Reactivity, and under what conditions? not applicable	
Hazardous Decomposition Products not applicable	

Product Identifier

SECTION 6 – TOXICOLOGICAL PROPERTIES

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
Effects of Acute Exposure to Product	may cause slight eye/nose irritation.				
Effects of Chronic Exposure to Product	not available				
Exposure Limits (value, source, date)	not applicable		Irritancy (if yes, explain)	exposure to dust may cause slight eye or nose irritation.	
Sensitization (if yes, explain)	exposure to dust may cause sensitization to occur in susceptible individuals.		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Reproductive Toxicity (if yes, explain)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Carcinogenicity (if yes, explain)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Mutagenicity (if yes, explain)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Teratogenicity (if yes, explain)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
			Synergistic Products (if yes, explain)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

SECTION 7 – PREVENTIVE MEASURES

Personal Protective Equipment	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Respirator	<input checked="" type="checkbox"/> Eye	<input type="checkbox"/> Footwear	<input type="checkbox"/> Clothing	<input type="checkbox"/> Other
If checked, specify type	follow practices sufficient to avoid inhalation of, and direct skin and eye contact with dust/powder.					
Engineering Controls (specify, such as ventilation, enclosed process)	not applicable					
Leak and Spill Procedure	non caustic, sweep up with broom					
Waste Disposal	into sewer line					
Handling Procedures and Equipment	mix with water before introducing product. (not applicable for product packaged in water soluble bags).					
Storage Requirements	store in cool dry area					
Special Shipping Information	avoid exposure to extreme heat.					PIN

SECTION 8 – FIRST AID MEASURES

Inhalation	Remove from exposure. Seek medical attention if allergic response is exhibited.
Ingestion	
Skin Contact	Wash with water.
Eye Contact	Enzymes may cause irritation. Flush with plenty of water.

SECTION 9 – PREPARATION INFORMATION

Prepared by (Group, Department, etc.)	Acti-Zyme Products Ltd.	Telephone Number	604-684-8921	Preparation Date	January 20 2014
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