

## MATERIAL SAFETY DATA SHEET

### SECTION I

<b>Product Name:</b> AQUA-ACE	<b>C.A.S. #</b>	N/A
	<b>Effective Date:</b>	7/98
	<b>Supersedes:</b>	All previous

National Fire Protection Association		NFPA	HMIS
Hazardous Materials Identification System	Health	0	0
4=Extreme/Severe 3=High/Serious	Fire	0	0
2=Moderate 1=Slight 0=Minimum	Reactivity	0	0

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Non-hazardous. Various naturally occurring bacteria and soil bio-catalysts containing organic biodegradable materials.

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	1.0
Vapor Pressure (mm H/g)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water:			
Appearance and Odor:			

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	UEL
Extinguishing Media:	FOAM, CO <sub>2</sub> , DRY CHEMICAL, WATER				
Special Fire Fighting Procedures:	NONE				
Unusual Fire and Explosion Hazards:	NONE				

### SECTION V - REACTIVITY DATA

Stability:	Stable at ambient temperatures and atmospheric pressure.
Conditions to avoid:	Hydroscopic; protect from moisture. Store at 65°F - 80°F.
Incompatibility (Materials to avoid):	NONE
Hazardous Decomposition or Byproducts:	NONE
Hazardous Polymerization:	Will NOT occur

### SECTION VI - HAZARDOUS HEALTH DATA

<b>EXPOSURE LIMITS</b>		
Chemical Name(s):	ACGIH (TWA)	OSHA(TWA)
NONE		
<b>EFFECTS OF SINGLE OVEREXPOSURE:</b>		
Swallowing:	Ingestion of large quantities may result in abdominal discomfort including nausea, vomiting, cramps, and diarrhea.	
Skin Absorption:	Not absorbed through skin.	
Inhalation:	May cause skin irritation. Hypersensitive individuals may experience allergic reactions to enzymes.	
Eye Contact:	May cause eye irritation.	

### AQUA-ACE - Material Safety Data Sheet

ESTES Incorporated  
2716 Commerce St.  
Wichita Falls, TX 76303  
PH: (940) 766-0163

**EFFECTS OF REPEATED OVEREXPOSURE:**

Prolonged or repeated contact may cause allergic reactions in hypersensitive individuals,

Other Effects of Overexposure: NONE

Existing Medical Conditions Possibly Aggravated by Exposure: Respiratory allergy (hay fever, asthma) in some people. Individuals hyperallergic to enzymes or other related proteins should not handle.

Carcinogenicity: This product does not contain any ingredient designated by IARC, NTP, ACHIH, or OSHA as a probably human carcinogen.

**EMERGENCY AND FIRST AID PROCEDURES:**

Swallowing: Get medical attention if allergic symptoms develop (observe for 48 hours). Never give anything by mouth to an unconscious or convulsing person. Get medical attention.

Skin: Wash exposed areas with soap and water. Get medical attention if allergic reaction occurs.

Inhalation: Remove patient to fresh air. If breathing is difficult or allergic reaction or irritation develops, administer Oxygen and get medical attention.

Eyes: In case of contact, flush eyes with plenty of water for at least 15 minutes using an eyewash fountain, if available. Get medical attention if eye irritation occurs.

NOTES TO PHYSICIANS: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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

Steps to be Taken if Material is Released or Spilled: All personnel involved in the cleanup must wear protective clothing. NO emergency results from spillage. However, pills should be cleaned up promptly. To the extent possible, clean up spills using shovels. Sweep or vacuum spilled material, being careful not to create dust.

Waste disposal method: No special disposal method. May be sewered; compatible with all known biological treatment methods. Dispose of in accordance with local, state, and Federal regulations.

Precautions to be taken in Handling and Storing: Keep dry and at room temperature. Avoid direct skin contact.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Surgical mask or equivalent.

Ventilation: Provide adequate ventilation. Use local exhaust as needed if dusting occurs.

Protective Clothing: Work gloves

Eye Protection: Safety glasses or goggles

Other Protective Clothing: Dusting protection.

Work/Hygienic Practices: Avoid dust. Do not ingest. Wash hands with soap and water after using material.

**SECTION IX REGULATORY STATUS**

TSCA Inventory Status: This product is not listed on the TSCA inventory.

Transportation Status: DOT: Not regulated.

Reportable Quantity (RQ) under 49 CFR 172. 101 Appendix: Not listed.

SARA Title III:

Section 302 Extremely Hazardous Substance List: Not listed.

Section 313 Toxic Chemicals: Not listed.

Reportable Quantity (RQ) under US EPA CERCLA: Not listed.

RCRA Hazardous Waste: Not listed.

The information herein is given in good faith, but no warranty - expressed or implied - is made.  
N/A=Not applicable. N/E=Not established.

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