



**AQUARIUM PRODUCTS MSDS– APPLUS+ SAFE WATER # 5001**  
**MATERIAL DATA SAFETY SHEET**  
**ISSUE 1**

AQUARIUM PRODUCTS -- SAFE WATER

**MATERIAL SAFTY DATA SHEET**

**PART NUMBER / TRADE NAME: 5001 / SAFE WATER**

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**General Information**

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Company's Name: AQUARIUM PRODUCTS INC.  
Company's Street: 180-H PENROD COURT.  
Company's City: GLEN BURNIE.  
Company's State: MARYLAND.  
Company's Country: US  
Company's Zip Code: 21061  
Company's Emerg. Ph #: 410-761-2100  
Company's Info Ph # 410-761-2100  
Date MSDS Prepared: 17Aug01  
Status: Current  
Safety Data Review Date: 17Aug03  
MSDS Serial Number: **500111**

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**Ingredient / Identity Information**

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Proprietary: NO  
Ingredient: THIOSULFURIC ACID, DISODIUM SALT; ( SODIUM THIOSULFATE )  
Ingredient Sequence Number: 01  
NIOSH (RTECS ) Number: XN6476000  
CAS Number: 10102-17-7  
OSHA PEL: None  
ACGIH TLV: None

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Proprietary: YES  
Ingredient: Liquid Bacterial Enzyme Mixture  
Ingredient Sequence Number 02  
No CAS Number Assigned  
ACGIH TLV: Not Established  
OSHA PEL: Not Established

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Proprietary : NO  
Ingredient: AMYLASE  
Ingredient Sequence Number: 03  
CAS Number: 68920-42-3

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Proprietary: NO  
Ingredient: PROPYLENE GLYCOL, 1,2-PROANEDIOL  
Ingredient Sequence Number: 04  
CAS Number: 57-55-6  
NIOSH (RTECs) Number: TY2000000

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Proprietary: NO  
Ingredient: HYDROLYED PROTEIN, PROTEIN HYDROLYZATES  
Ingredient Sequence Number: 05  
CAS Number: 9015-54-7  
NIOSH (RTECS) Number: UK9595700

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Proprietary: NO  
Ingredient: WATER  
Ingredient Sequence Number: 06  
CAS Number: 7732-18-5  
NIOSH (RTECS) Number: ZC0110000

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Physical / Chemical Characteristics

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Appearance And Odor: SLIGHTLY CLOUDY LIQUID WITH A SLIGHT FERMENTATION ODOR.

Boiling Point: N/A

Melting Point: N/A

Specific Gravity: N/A

Evaporation Rate And Reference: NOT APPLICABLE.

Solubility In Water: SOLUBLE.

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Fire and Explosion Hazard Data

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Flash Point: NOT APPLICABLE.

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Extinguishing Media: USE WATER, DRY CHEMICAL, FOAM, AND CARBON DIOXIDE.

Special Fire Fighting Procedure: WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE.

Equipment: NOT APPLICABLE.

Unusual Fire And Expl. Hazards: NONE KNOWN.

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Reactivity Data

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Stability: YES

Condition To Avoid: (STABILITY): NOT APPLICABLE.

Materials To Avoid: NONE KNOWN.

Hazardous Decomp. Products: NONE KNOWN TO EXIST.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT.

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Health Hazard Data

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**Ingredient Number:** 01: R: 36/38 S: 26, 36

LD50-LC50 Mixture: SEE INGREDIENT 02

Route Of Entry - Inhalation: NO

Route Of Entry - Skin: NO

Route Of Entry - Ingestion: YES

Health Hazard Acute And Chronic: ACUTE AND CHRONIC: NOT CONSIDERED A HAZARDARDOUS LIQUID. SIGNS AND SYMPTOMS: MAY CAUSE SLIGHT IRRITATION TO EYES AND OPEN SORES.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity – OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT.

Signs / Symptoms Of Over Exposure: SEE HEALTH HAZARDS.

Medical Conditions Aggravated By Exposure: NONE KNOWN.

Emergency First Aid Procedures: INHALATION: REMOVE TO FRESH AIR – SUPPORT BREATHING ( GIVE OXYGEN / RESPIRATOR. EYES: IMMEDIATELY FLUSH W / PLENTY OF POTABLE WATER.. INGESTED: CALL A PHYSICAN.

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#### Precautions For Safe Handling And Use

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Steps If Material Released / Spill: CONTAIN SPILL. ABSORB LIQUID WITH CHEMICALLY ABSORBENT PILLOW / TOWELS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSE OF PILLOWS OR TOWELS IN AN APPROVED LANDFILL.

FEDERAL, STATE AND LOCAL REGULATIONS TAKE PRECEDENCE.

Precautions – Handling / Storing: STORE IN ORIGINAL CONTAINER. KEEP OUT OF THE REACH OF CHILDREN.

Other Precautions: WASH WITH SOAP AND WATER AFTER HANDLING.

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#### Control Measures

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Respiratory Protection: USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CERTAIN ( EP N): NOT REQUIRED.

Ventilation: NOT APPLICABLE.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: ANSI APPROVED EMERGENCY EYE WASH AND DELUGE SHOWER (EP N).

Work Hygienic Practices: PRACTICE GOOD SANITARY HABITS AFTER HANDLING.

Supply / Safety & Health Date: NONE SPECIFIED BY MANUFACTURER.

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#### Transportation Data

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NONE

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Disposal Data

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See Precautions For Safe Handling And Use

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Label Data

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Label Required: YES  
Common Name: SAFE WATER  
Chronic Hazard: NO  
Signal Word: WARNING!  
Acute Health Hazard - Slight: x  
Contact Hazard – Slight: x  
Fire Harzard – None: x  
Reactivity Hazard – None: x  
Special Hazard Precautions: KEEP OUT OF THE REACH OF CHILDREN.  
Protect Eye: x  
Protect Skin: x  
Protect Respiratory: x  
Label Name: AQUARIUM PRODUCTS.  
Label Street: x  
Label City: GLEN BURNIE.  
Label State: Md.  
Label Zip Code: 21061  
Label Country: x  
Label Emergency Number: x