



**AQUARIUM PRODUCTS MSDS– SIMPLY BETTA PROTECTOR #4003**  
**MATERIAL DATA SAFETY SHEET**  
**ISSUE 1**

AQUARIUM PRODUCTS -- SIMPLY BETTA PROTECTOR

**MATERIAL SAFTY DATA SHEET**

PART NUMBER / TRADE NAME: 4003 / SIMPLY BETTA PROTECTOR

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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: 26Feb03  
Status: Current  
Safety Data Review Date: 26Feb05  
MSDS Serial Number: **SB03**

**Ingredient / Identity Information**

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Proprietary: NO  
Ingredient: WATER  
Ingredient Sequence Number 01  
CAS Number: 112-12-6  
NIOSH (RTECS) Number: ZC0110000

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Proprietary: YES  
Ingredient: COLLOID COMPLEX  
Ingredient Sequence Number 02  
OSHA PEL: None  
ACGIH TLV: Tumorigen

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Proprietary: NO  
Ingredient: SODIUM BI-CARBONATE ( Sodium Hydrogen Carbonate )  
Ingredient Sequence Number: 03  
NIOSH (RTECS ) Number: VZ0950000  
CAS Number: 144-55-8  
OSHA PEL: None  
ACGIH TLV: None

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Proprietary: NO  
Ingredient: SODIUM CHLORIDE  
Ingredient Sequence Number 04  
CAS Number: 7647-14-5  
NIOSH (RTECS) Number: VZ4725000  
OSHA PEL: None  
ACGIH TLV: None

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Proprietary: YES  
Ingredient: PRESERVATIVE  
Ingredient Sequence Number 05  
No CAS Number Assigned  
ACGIH TLV: Not Established  
OSHA PEL: Not Established

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Proprietary: YES  
Ingredient: EMULSIFIER  
Ingredient Sequence Number 06  
CAS Number: None Assigned  
NIOSH (RTECS) Number: None  
OSHA PEL: None  
ACGIH TLV: None

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Proprietary: NO  
Ingredient: MAGNESIUM SULFATE  
Ingredient Sequence Number 07  
CAS Number: 7487-88-9  
NIOSH (RTECS) Number:  
OSHA PEL:  
ACGIH TLV:

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Proprietary: NO  
Ingredient: CALCIUM  
Ingredient Sequence Number 08  
NIOSH (RTECS) Number:  
OSHA PEL: None  
ACGIH TLV: None

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Proprietary: YES  
Ingredient: PROTEIN SOLUBOLIZER  
Ingredient Sequence Number 09  
OSHA PEL: None  
ACGIH TLV: Reproductive Effector, Mild Irritant

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#### Physical / Chemical Characteristics

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Appearance And Odor: CLEAR ODORLESS LIQUID  
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

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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.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT.

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#### Health Hazard Data

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Route Of Entry - Inhalation: NO  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Hazard Acute And Chronic: MAY CAUSE IRRITATION TO EYES AND OPEN SORES.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Signs / Symptoms Of Over Exposure: SEE HEALTH HAZARDS.  
Medical Conditions Aggravated By Exposure: NONE KNOWN  
Emergency First Aid Procedures: EYES: IMMEDIATELY FLUSH W / PLENTY OF POTABLE WATER.. INGESTED: CALL A PHYSICAN.  
RISK AND SAFTY FACTORS:

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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: 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: SIMPLY BETTA PROTECTOR

Chronic Hazard: NO

Signal Word: WARNING!

Acute Health Hazard - Slight: x

Contact Hazard – Slight: x

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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: YES