



AQUARIUM PRODUCTS MSDS– APPLUS+ FLORABOOST # 5003
MATERIAL DATA SAFETY SHEET
ISSUE 1

AQUARIUM PRODUCTS -- FLORABOOST

MATERIAL SAFTY DATA SHEET

PART NUMBER / TRADE NAME: 5003 / FLORABOOST

General Information

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: 22Aug01
Status: Current
Safety Data Review Date: 22Aug03
MSDS Serial Number: **500311**

Ingredient / Identity Information

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

Proprietary: NO
Ingredient: POTASSIUM CHLORIDE
Ingredient Sequence Number: 02
CAS Number: 7447-40-7
NIOSH (RTECS) Number: TS8050000
OSHA PEL: None
ACGIH TLV: None

Proprietary: NO
Ingredient: CHELATED IRON, FERRIC ETHYLENE DIAMINE DI (2-HYDRO METHYL
PHENYL ACETATE) SODIUM SALT
Ingredient Sequence Number: 03
CAS Number: 34541-04-3
NIOSH (RTECS) Number: NOT AVAILABLE
ACGIH TLV: None
OSHA PEL: None

Proprietary: NO
Ingredient: MANGANESE SULFATE
Ingredient Sequence Number: 04
CAS Number: 7785-87-7
NIOSH (RTECS) Number: 081050000
ACGIH TLV: None
OSHA PEL: None

Proprietary: NO
Ingredient: ZINC SULFATE
Ingredient Sequence Number: 05
CAS Number: 7733-02-0
NIOSH (RTECS) Number: ZH5260000
ACGIH TLV: None
OSHA PEL: None

Proprietary: NO
Ingredient: SODIUM BORATE DECAHYDRATE
Ingredient Sequence Number: 06
CAS Number: 1303-96-4
NIOSH (RTECS) Number: SC7310000
ACGIH TLV: None
OSHA PEL: None

Physical / Chemical Characteristics

Appearance And Odor: DARK BROWN ODORLESS LIQUID.
Boiling Point: N/A
Melting Point: N/A
Specific Gravity: N/A
Evaporation Rate And Reference: NOT APPLICABLE.
Solubility In Water: SOLUBLE.

Fire and Explosion Hazard Data

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.

Reactivity Data

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.

Health Hazard Data

Route Of Entry - Inhalation: NO
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Hazard Acute And Chronic: SIGNS AND SYMPTOMS: MAY CAUSE IRRITATION TO EYES AND OPEN SORES.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO

Carcinogenicity – OSHA: NO

Explanation Carcinogenicity: None

Signs / Symptoms Of Over Exposure: SEE HEALTH HAZARDS.

Medical Conditions Aggravated By Exposure: RESPIRATION PROBLEMS.

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

Ingredient Number: 02

RISK AND SAFETY FACTORS: R: 36/37/38 S: 26,36

Ingredient Number: 05

RISK AND SAFETY FACTORS: R: 36/37/38, S: 26,36

Ingredient Number: 06

RISK AND SAFETY FACTORS: R: 63, 62, 36/37/38 S: 42, 26, 36/37/39, 22

Precautions For Safe Handling And Use

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.

Control Measures

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.

Transportation Data

NONE SUPPLIED BY MANUFACTURER

Disposal Data

See Precautions For Safe Handling And Use

Label Data

Label Required: YES
Common Name: FLORA BOOST
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