



AQUARIUM PRODUCTS MSDS- APPLUS+ ANTI-BACTERIA # 5007
MATERIAL DATA SAFETY SHEET
ISSUE 1 –

AQUARIUM PRODUCTS -- ANTI-BACTERIA

MATERIAL SAFTY DATA SHEET

PART NUMBER / TRADE NAME: 5007 / ANTI-BACTERIA

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: 16Aug01
Status: Current
Safety Data Review Date: 16Aug03
MSDS Serial Number: **OC11**

Ingredient / Identity Information

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

Proprietary: NO
Ingredient: FORMALDEHYDE 37% SOLUTION,
Ingredient Sequence Number 02
CAS Number: 50-00-0
NIOSH (RTECS) Number: LP8925000
OSHA PEL: SEE 29 CFR 191.1048
ACGIH TLV: Irritation, Carcinogen
Compound Ingredient: METHANOL 10% - 15%,
CAS Number: 67-56-1
NIOSH (RTECS) Number: PC1400000
OSHA PEL: TWA... 100 ppm, Mg/m3...410
ACGIH TLV: TWA...200 ppm, Mg/m3...262 Mutagen, Irritant,
Neuropathy; vision.

Proprietary: NO
Ingredient: BENZALKONIUM CHLORIDE 50% SOLUTION, AMMONIUM,
ALKYLDIMETHYLBENZYL-, CHLORIDE
Ingredient Sequence Number: 03
CAS Number: 8001-54-5
NIOSH (RTECS) Number: B03150000
OSHA PEL: None
TWA: None
TLV: None

Proprietary: YES
Ingredient: DISSENFECTANT
Ingredient Sequence Number: 04
OSHA PEL: None
TWA: None
TLV: None

Physical / Chemical Characteristics

Appearance And Odor: CLEAR COLORLESS LIQUID WITH NO ODOR
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

LD50 TESTING: INGREDIENT #2

TEST: ORAL
SUBJECT: RODENT
DOSE: 100ml / kg.
TEST: INHALATION
SUBJECT: RODENT
DOSE: 203mg / kg.
TEST: SUBCUTANEOUS
SUBJECT: RODENT
DOSE: 420 mg / kg.

INGREDIENT # 2

Health Hazard Acute And Chronic: ACUTE AND CHRONIC: CONSIDERED A HAZARDOUS LIQUID. SIGNS AND SYMPTOMS: MAY CAUSE IRRITATION TO EYES AND OPEN SORES.

Carcinogenicity - NTP: YES

Carcinogenicity - IARC: YES

Carcinogenicity – OSHA: YES

Explanation Carcinogenicity: CARCINOGENIC DETERMINATION (FORMALDEHYDE GAS): SUFFICIENT EVIDENCE IN ANIMALS – INADEQUATE EVIDENCE IN HUMANS (IARC SUPPLEMENT 4,1982). LISTED AS A CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGRAM (NTP) 3RD ANNUAL REPORT. METHANOL: MUTATION REFERENCES CITED AND REPRODUCTIVE EFFECTS CITED.

LISTED IN CALIFORNIA'S PROPOSITION 65: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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.

INGREDIENT # 4

IRRITATION SKIN AND EYES:

EYES: IMMEDIATELY FLUSH W / PLENTY OF POTABLE WATER.. INGESTED: CALL A PHYSICIAN.

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

Disposal Data

See Precautions For Safe Handling And Use

Label Data

Label Required: YES

Common Name: ANTI-BACTERIA

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

