



**AQUARIUM PRODUCTS MSDS– CRYSTAL CLEAR # CCC**  
**MATERIAL DATA SAFETY SHEET**  
**ISSUE 1**

AQUARIUM PRODUCTS -- CRYSTAL CLEAR

**MATERIAL SAFTY DATA SHEET**

**PART NUMBER / TRADE NAME: CCC / CRYSTAL CLEAR**

**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: **CCC11**

**Ingredient / Identity Information**

Proprietary: YES  
 Ingredient: COAGULANT  
 Ingredient Sequence Number: 01  
 NIOSH (RTECS ) Number: None  
 CAS Number: None  
 OSHA PEL: None  
 ACGIH TLV: None

Proprietary: NO  
 Ingredient: FORMALDEHYDE **RANGE 0.1 – 1.0%**  
 Ingredient Sequence Number 02  
 CAS Number: 50-00-0  
 NIOSH (RTECS) Number: LP8925000  
 OSHA PEL: SEE 29 CFR 191.1048

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 Created by Ralph Van Blarcom F.D.D

ACGIH TLV: Irritation, Carcinogen

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Proprietary: NO

Ingredient: METHYL ALCOHOL ( METHANOL ) **RANGE 0.1 – 1.0%**

Ingredient Sequence Number 03

NIOSH (RTECS) Number: PC1400000

CAS Number: 67-56-1

OSHA PEL: 200 ppm, 260mg/m<sup>3</sup>

ACGIH TLV: Neuropathy; vision; CNS

NIOSH RELs: (SKIN) TWA 200 ppm, 260 mg/m<sup>3</sup>....STEL/CEIL ( C ): 250 ppm. 325 mg/m<sup>3</sup>

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Proprietary: NO

Ingredient: WATER

Ingredient Sequence Number 04

CAS Number: 112-12-6

NIOSH (RTECS) Number: ZC0110000

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#### Physical / Chemical Characteristics

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Appearance And Odor: SLIGHT DARK BROWN LIQUID WITH THE ODOR OF PRUNES.

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 Proc: WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE.

Equipment: NOT APPLICABLE.

Unusual Fire And Expl Hazrds: 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.  
 Harardous 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: NO  
 Route Of Entry – Ingestion: YES

**LD50 TESTING:**

TEST: ORAL  
 SUBJECT: RODENT  
 DOSE: 5,000 MG / KG.  
 TEST: INGESTION  
 SUBJECT: RODENT

Health Hazard Acute And Chronic: ACUTE AND CHRONIC: CONSIDERED A NON - HAZARDARDOUS 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 (FORMADEHYDE GAS): SUFFICIENT EVIDENCE IN ANIMALS – INADEQUATE EVIDENCE IN HUMANS (IARC SUPPLEMENT 4,1982). LISTED AS A CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGAM (NTP) 3<sup>RD</sup> ANNUAL REPORT. METHANOL: MUTATION REFERENCES CITED AND REPRODUCTIVE EFFECTS CITED.

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

Signs / Symtoms Of Over Exposure: SEE HEALTH HAZARDS.

Medical Conditions Aggravated By Exposure: RESPIRATION PROBLEMS.

Emergency First Aid Proceures: 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: CRYSTAL CLEAR  
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