



AQUARIUM PRODUCTS MSDS– LIFE-BEARER #LB
MATERIAL DATA SAFETY SHEET
ISSUE 1

AQUARIUM PRODUCTS -- LIFE-BEARER

MATERIAL SAFTY DATA SHEET

PART NUMBER / TRADE NAME: LB / LIFE-BEARER

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: **LB11**

Ingredient / Identity Information

Proprietary: NO
 Ingredient: PHOSPHONIC ACID (2,2,2-TRICHLORO-1-HYDROXYETHYL)-DIMETHYL
 ESTER
 Ingredient Sequence Number: 01
 NIOSH (RTECS) Number: TA0700000
 CAS Number: 52-68-6
 OSHA PEL: None
 ACGIH TLV: NIC-1 (V); A4 BEI

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number 02
CAS Number: 112-12-6
NIOSH (RTECS) Number: ZC0110000

Proprietary: NO
Ingredient: FD&C RED NO. 40
Ingredient Sequence Number: 03

Physical / Chemical Characteristics

Appearance And Odor: CLEAR PALE RED 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

LD50: Oral (RAT): 450 – 500 mg / kg

LD50: Dermal (RAT) 2000 mg / kg

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry – Ingestion: YES

Health Hazard Acute And Chronic: **TRICHLORFON IS A CHOLINESTERASE INHIBITOR.** 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: TIGHTNESS IN CHEST, SWEATING, CONTRACTED PUPILS, STOMACH PAINS, VOMITING AND DIARRHEA. IRRITATING TO SKIN AND EYES.

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.. SKIN: WASH WITH SOAP AND WATER . INGESTED: CALL A PHYSICAN. ATROPINE OR 2-PAM ARE ANTIDOTAL.

RISK AND SAFTY FACTORS: R: 22,43 S: 24, 37

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: LIFE-BEARER

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

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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