

MATERIAL SAFETY DATA SHEET

Office Use

Cat. #

DATE: 2/6/2002

1 - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: Biomarine, Inc.	REGULAR PHONE NO: (610) 524-8800 EMERGENCY PHONE NO: 800-424-9300
ADDRESS: 456 Creamery Way, Exton, PA (USA) 19341	
TRADE NAME: Gel Coolant	
SYNONYMS:	

2 - MATERIAL ANALYSIS

COMPONENT or MATERIAL CHEMICAL NAMES	CAS. NO.	% by Wt.	TLV	COMPONENT or MATERIAL CHEMICAL NAMES	CAS. NO.	% by Wt.	TLV
Water		99.66					
Acrylic Acid Powder	9003-G1-4	0.28					
Sodium Hydroxide	1310-73-2	0.06					
Sodium Hypochlorite	*	94 PPM		Catalysts			
				Detergents			
				Additives			
				Inhibitors			
				Filler Metal Plus			
				Coating or Core Flux			
				% Alkalies/Sodium/Potassium		0.06	
				Others			

* EPA Est. No. 5813

3 - PHYSICAL DATA

Vapor Pressure, mm Hg @ 20°C (68°F)		Vapor Density (Air = 1) @ 60-90°F
Evaporation Rate (Ether = 1)		% Volatiles by Vol. @ 70°F
Solubility in H ₂ O, % by wt @ 20°C (68°F)		pH @ 1% Solution
Melting Point °F		pH as Distributed: 4
Boiling Point °F @ 14.7 psia		Corrosion: ASTM D2250-67 ASTM DD2251-67
Specific Gravity H ₂ O = 1 @ 75°F		Appearance & Odor: Colorless/None

4 - FIRE and EXPLOSION DATA

Flash Point (Closed Cup): N/A	Autoignition Temperature: N/A	Flammable Explosive Limits: N/A	Upper:
			Lower:
Extinguishing Media: Non-Flammable			
Special Fire Fighting Procedures:			
Unusual Fire & Explosion Hazards: None			

MATERIAL SAFETY DATA SHEET

5 - EMERGENCY & FIRST AID PROCEDURES

Eyes: Slight irritant; flush eyes with water for several minutes.

Skin: wash in water until slippery feeling is gone.

Inhalation: N/A

Ingestion: If ingested, drink water.

6 - HEALTH EFFECTS

Inhalation: None

Ingestion: May act as laxative.

Skin: None

Eyes: Slight irritant.

Chronic Overexposure Effects: None

7 - REACTIVITY DATA

Conditions Contributing to Instability: N/A

Incompatibility: N/A

Hazardous Decomposition Products: None

Conditions Contributing to Hazardous Polymerization: None

8 - SPILL or LEAK PROCEDURES

Steps to be taken if material is released or spilled: Wash area with water until slippery condition is gone.

Neutralizing Chemicals: N/A

Waste Disposal Method: Normal drain disposal, not a hazardous material.

9 - VENTILATION & PERSONAL PROTECTIVE EQUIPMENT

Ventilation Requirements: None

Special Personal Protective Equipment:

Respiratory: None

Eye: Eye protection needed.

Glove: Only for those with a sensitivity for the material.

Other Clothing & Equipment: Cloting cover needed, will act as a bleach.

10 - SPECIAL PRECAUTIONS INCLUDING STORAGE

Precautions to be taken in Handling & Storing: Eye and clothing protection needed, skin protection only in case of special sensitivity.

Other Precautions: Store in water vapor sealed container.

MATERIAL SAFETY DATA SHEET

11 - WASTE DISPOSAL / OTHER LEGAL REQUIREMENTS

Disposal Restrictions for Product or Container:

- | | | |
|--------------------------|------------------------------|---|
| <input type="checkbox"/> | Dumpster Disposal Prohibited | Comments: Not a hazardous nor corrosive material. |
| <input type="checkbox"/> | Don't use Drain or Sewer | _____ |
| <input type="checkbox"/> | Place in Special Container | Restrictions on Long Term Storage: None |
| <input type="checkbox"/> | Ship to Special Dump | _____ |

What, if any, EPA, NJDEP, or DOT restrictions or requirements are there on this product:

N/A

Normal Waste Disposal Method: Flush down the drain normally.