

# MATERIAL SAFETY DATA SHEET

Aquatic Eco-Systems, Inc,  
1767 Benbow Court  
Apopka, FL 32707

INFORMATION: (407)-886-3939  
EMERGENCY: (407) 886-3939  
FAX NUMBER: (407) 886-1811

## SECTION I PRODUCT INFORMATION

BRAND NAME: PROLINE  
PRODUCT NAME: PROLINE F/2 ALGAE FOOD A  
CHEMICAL NAME: MIXTURE  
CAS NUMBER: NONE - MIXTURE  
DATE REVISED: 6-27-01  
NFPA (704) RATING: HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 SPECIAL 0

## SECTION II HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS:		OTHER LIMITS		
NAME	CAS NUMBER	OSHA PEL	ACGIH TLV	OTHER % (OPTIONAL)
(NONE)				

## SECTION III PHYSICAL/CHEMICAL CHARACTERISTIC

SPECIFIC GRAVITY (WATER = 1): 1.015  
SOLUBILITY IN WATER: COMPLETE  
BOILING POINT: 220 F  
FREEZE POINT: 30 F  
EVAPORATION RATE: SLOWER THAN BUTYL ACETATE  
APPEARANCE AND ODOR: DARK AMBER LIQUID, NO ODOR  
PH: 1.5-3.0  
VAPOR DENSITY: N/A  
BIODEGRADABILITY: 100 %

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NOT FLAMMABLE  
EXTINGUISHING MEDIA: ALL STANDARD FIRE FIGHTING MEDIA.  
SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN  
UNUSUAL FIRE AND EXPLOSION HAZARD: NONE KNOWN  
FLAMMABLE LIMITS: NEGLIGIBLE FIRE HAZARD

## SECTION V REACTIVITY DATA

STABILITY: STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS OR STRONG BASES.  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: EXTREME HEAT  
CONDITIONS TO AVOID: NONE KNOWN

PRODUCT NAME: PROLINE F/2 ALGAE FOOD A

### SECTION VI HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? NO SKIN? YES INGESTION? YES EYES? YES

HEALTH HAZARDS (ACUTE AND CHRONIC): NONE KNOWN.

CARCINOGENICITY: NTP? N/A IARC MONOGRAPHS? N/A OSHA REGULATED? N/A

SIGNS AND SYMPTOMS OF EXPOSURE: INGESTION : MAY CAUSE GASTRIC DISTRESS  
SKIN: MAY CAUSE IRRITATION FOLLOWING PROLONGED SKIN CONTACT.

EYES: MAY CAUSE IRRITATION UPON DIRECT CONTACT.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES:

WASH SKIN WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING AND WASH  
FLUSH EYES WITH WATER FOR 15 MINUTES.

IF SWALLOWED, DRINK WATER TO DILUTE. DO NOT INDUCE VOMITING. DO NOT GIVE FLUIDS IF VICTIM IS  
UNCONSCIOUS OR HAVING CONVULSIONS.

### SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CONTAIN SPILL BY SOAKING UP IN INERT  
ABSORBENT MATERIAL. DISPOSE OF MATERIAL PER LOCAL, STATE, AND FEDERAL REGULATIONS. SMALL  
QUANTITIES MAY BE DILUTED AND FLUSHED TO SANITARY SEWER.

WASTE DISPOSAL METHOD: SMALL QUANTITIES MAY BE DILUTED WITH LARGE QUANTITIES OF WATER AND  
FLUSHED TO SANITARY SEWER. LARGE QUANTITIES; SOAK IN ABSORBENT MATERIAL AND DISPOSE IN LOCAL  
LAND FILL PER LOCAL, STATE, AND FEDERAL REGULATIONS. PRESENTS NO HEALTH HAZARD.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: PROTECT FROM EXTREME COLD OR HEAT.

OTHER PRECAUTIONS: NONE KNOWN

### SECTION VIII CONTROL MEASURES

RESPIRATORY PRECAUTION (SPECIFY TYPE): NONE KNOWN

VENTILATION: LOCAL EXHAUST: NOT REQUIRED

SPECIAL: NONE KNOWN

MECHANICAL: NOT REQUIRED

SPECIAL: NONE KNOWN

PROTECTIVE GLOVES: NOT REQUIRED

EYE PROTECTION: NOT REQUIRED

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE KNOWN

WORK/HYGIENIC PRACTICES: WASH HANDS WITH SOAP AND WATER AFTER USE

### ENVIRONMENTAL EVALUATION

EPA SUPERFUND (SARA TITLE III) - HAZARD CLASSIFICATION & ASSOCIATED INFORMATION: NOT HAZARDOUS

EPA CERCLA/SUPERFUND, 40 CFR 302 (REPORTABLE SPILL QUANTITY): NOT LISTED

EPA SARA TITLE III, CFI 355 (EXTREMELY HAZARDOUS SUBSTANCES): NOT LISTED

EPA SARA TITLE III, 40 CR. 372 (LIST OF TOXIC CHEMICALS): NOT LISTED

CHEMICALS LISTED ON FOLLOWING CHEMICAL INVENTORIES:

TOSCO: NOT LISTED

EPA - RCA (HAZARDOUS WASTE), 40 CFI 261: NOT LISTED

CALIFORNIA PROPOSITION 65: NOT LISTED

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED  
REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. AQUATIC ECO-SYSTEMS, INC. ASSUMES  
NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENEERS, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH  
VENEERS OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.