

## Section 1. Identification

Product Identifier: **AquaMax (All variations)**  
 Product Use: Holding tank treatment  
 Manufacturer: Thetford Corporation  
 7101 Jackson Road  
 Ann Arbor, MI 48103  
 Emergency Numbers: (734) 769-6000  
 (800) 424-9300 (CHEMTREC - 24 hours)

## Section 2. Hazards Identification

Classification: Eye Damage/Irritation - Category 1    Skin sensitizer - Category 1



Hazard Pictograms:  
 Signal Word:

DANGER

Hazard Statements: Causes serious eye damage. May cause an allergic skin reaction.

Precautionary Statements:

Prevention

Wear eye protection and protective gloves. Avoid breathing mist. Contaminated work clothing must not be allowed out of the workplace.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call poison control center. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice. Specific treatment (see first aid section on this label) Wash contaminated clothing before reuse.

Disposal

Dispose of contents and container in accordance with all local regulations.

## Section 3. Composition/Information on Ingredients

Mixture of the following ingredients with non hazardous additions.

Ingredient Name	CAS Number	Wt%	Trade Secret
Aqueous solution containing microorganisms and water	NA - Mixture	95.38	*
Undecyl Alcohol Ethoxylates	34398-01-1	2.5	
Sodium Lauryl Sulfate	151-21-3	1.2	
Fragrance Oil	NA - Mixture	0.3	*

## Section 4. First Aid Measures

### First Aid Measures

Inhalation: Remove from contaminated area if irritation occurs.  
 Skin Contact: Flush contacted area with large amounts of water. Wash with soap and water. Wash clothes before reuse.  
 Eye Contact: Flush contacted area with large amounts of water. Irrigate eyes for a minimum of 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention immediately.  
 Ingestion: Do not induce vomiting. Drink large amounts of water. Contact a physician.

### Potential Acute Health Effects

Inhalation: Dust from dried product may cause respiratory irritation.  
 Skin Contact: May cause an allergic skin reaction.  
 Eye Contact: Causes serious eye damage.

Ingestion:	Nontoxic if ingested.
<u>Potential Over-Exposure Symptoms</u>	
Inhalation:	Dust from dried product may cause respiratory irritation.
Skin Contact:	Repeated contact may cause allergic skin reaction.
Eye Contact:	Corrosive with symptoms of tearing, redness swelling, burns and possible permanent damage.
Ingestion:	May cause abdominal discomfort, vomiting, nausea, and diarrhea.
<u>Potential Chronic Health Effects</u>	
Skin Contact:	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

## Section 5. Fire-Fighting Measures

Extinguishing Media:	Water, dry chemical, carbon dioxide or foam
Specific hazards arising from the chemical:	None known
Hazardous thermal decomposition products:	Oxides of carbon
Special protective actions for fire-fighters:	None
Special protective equipment for fire-fighters:	None

## Section 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Wear safety glasses and rubber gloves. Eliminate sources of ignition. Avoid inhalation and ventilate area.

### Method and materials for containment and clean up

Clean up small spills with water. Soak up larger spills with absorbent material. Place used absorbent in closed containers for disposal. Mop the area with plenty of cold, clean water. Dispose of in accordance with federal, state, and local regulations.

## Section 7. Handling and Storage

Precautions for safe handling:	Do not get in eyes or on skin. Wash thoroughly after handling.
Conditions for safe storage:	Do not store above 100°F (38°C). Protect from sunlight. Do not freeze.

## Section 8. Exposure Control/Personal Protection

<u>Occupational Exposure Limits</u>	No exposure limit value known.
<u>Appropriate Engineering Controls</u>	Maintain adequate ventilation
<u>Personal Protection</u>	
Respiratory Protection:	Not required for properly ventilated areas
Skin Protection:	Rubber gloves
Eye/Face Protection:	Safety glasses or goggles
Hygiene Measures:	Wash hands thoroughly after handling especially before eating, drinking and smoking. Wash contaminated clothing before reuse. Do not allow contaminated clothing to leave the workplace. Have eyewash and safety shower available.

## Section 9. Physical and Chemical Properties

Physical State:	Liquid	Upper/Lower Explosive Limits:	Not applicable
Color:	Various	Vapor Pressure:	Not available
Odor:	Various	Vapor Density:	Not available
Odor Threshold:	Not available	Specific Gravity:	0.995 - 1.005
pH:	7 - 9	Bulk Density:	Not applicable
Melting Point:	Not applicable	Solubility:	Complete

Freezing Point:	32°F (0°C)	Partition coefficient n-octanol/water:	Not available
Boiling Point:	207°F (97°C)		
Flash Point:	> 200°F (>93°C)	Auto-ignition Temperature:	Not available
Evaporation Rate:	Not available	Decomposition Temperature:	Not available
Flammability:	Not flammable	Viscosity:	550 - 700 cps

## Section 10. Stability and Reactivity

Reactivity:	No specific test data available on finished product.
Chemical Stability:	The product is stable.
Possibility of Hazardous Reactions:	Under normal conditions of storage and use hazardous reactions will not occur.
Conditions to Avoid:	Extreme temperatures.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition may produce oxides of carbon.

## Section 11. Toxicological Information

Information on the likely routes of exposure: Dermal contact. Eye contact. Inhalation. Ingestion.

### Potential Acute Health Effects

Inhalation:	Dust from dried product may cause respiratory irritation.
Skin Contact:	May cause an allergic skin reaction.
Eye Contact:	Causes serious eye damage.
Ingestion:	Nontoxic if ingested.

### Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Inhalation:	Dust from dried product may cause respiratory irritation.
Skin Contact:	Repeated contact may cause allergic skin reaction.
Eye Contact:	Corrosive with symptoms of tearing, redness swelling, burns and possible permanent damage.
Ingestion:	May cause abdominal discomfort, vomiting, nausea, and diarrhea.

### Potential Chronic Health Effects

#### Short Term Exposure

Potential immediate effects: Possible eye injury from contact.

#### Long Term Exposure

Potential delayed effects:	May cause allergic skin reaction.
General:	Not available
Carcinogenicity:	Ingredients not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Developmental Effects:	No known significant effects or critical hazards.
Fertility Effects:	No known significant effects or critical hazards.

### Information on Toxicological Effects

Acute Toxicity Eye contact is corrosive.

#### Components:

Microbial Concentrate		No information available
Ethoxylated Alcohol	LD50 Oral LD50 Dermal	>2,000 mg/kg (rat) >2,000 mg/kg (rabbit)
Sodium Lauryl Sulfate	ATE Inhalation	>5 mg/l
Fragrance Oil		No information available

### Respiratory or skin sensitization

Respiratory sensitization	Not available.
Skin sensitization	May cause allergic skin reaction.
<u>Carcinogenicity:</u>	Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).
<u>Mutagenicity:</u>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<u>Reproductive Toxicity:</u>	No data available to indicate product or any components present at greater than 0.1% present reproductive hazards.
<u>Specific target organ toxicity - single exposure:</u>	No known significant effects or critical hazards.
<u>Aspiration hazard</u>	Not an aspiration hazard

## Section 12. Ecological Information

Toxicity Not toxic to aquatic organisms.

### Components

Microbial Concentrate		No information available
Ethoxylated Alcohol	EC50 48h Daphnia	5 - 10 mg/l
	LC50/96h Fish	5 - 10 mg/L
	EC50/72h Algae	100 - 100 mg/l
Sodium Lauryl Sulfate	EC5 Daphnia	>1 - 10 mg/l
	EC50 Plants	10 - 100 mg/l Scenedesmus subspicatus
	EC50 Fish	0.1 - 1 mg/l Pimephales promelas
Fragrance Oil		No information available

Persistence and Degradability:	Organic ingredients are biodegradable.
Bioaccumulative Potential:	Low bioaccumulation expected
Mobility in Soil:	Not available
Other Adverse Effects:	No known significant effects or critical hazards.

## Section 13. Disposal Considerations

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Waste disposal should be in accordance with existing federal, state, and local regulations. Empty containers should be taken to an approved waste handling site for

## Section 14. Transport Information

UN Number:	Not Regulated	Hazard Class:	Not applicable
UN Proper Shipping Name:	Not applicable	Packing Group:	Not applicable
Environmental Hazard:	No		

## Section 15. Regulatory Information

SARA 311/312:	Immediate acute health hazard
SARA Title III Section 313 EHS:	None
SARA Title III Section 313 Toxic:	None

## Section 16. Other Information

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