

# Material Safety Data Sheet

Product Name: AquaLife ACTIVE Freshwater Aquarium Starter and Cleaner  
(Packaged in these sizes: 4 ounces, 8 ounces, 16 ounces, 32 ounces,  
one gallon)

**Note: This information is believed to be correct. However, no warranty, express or implied is made to accuracy.**

## Section I: Company Information

Aquarium Life Support Systems  
1737 Louisville Drive  
Knoxville, TN 37921  
Tel.: 865-588-0108

Emergency Contact Person: Ralph Cabage III, 865-588-0108

## Section II: Hazardous Materials – Other Ingredients

Compound	Percent	CAS No.
Non-pathogenic, Bacillus subtilis bacteria in spore form	150-250 mg / liter of viable bacterial solids	N/A
Non-pathogenic, Nitrosomonas and Nitrobacter nitrifying bacteria	150-250 mg/l of viable bacterial solids	N/A
Non-pathogenic Pseudomonas bacteria that consume organic waste and denitrify	150-250 mg/l of viable bacterial solids	N/A

All bacteria contained in ACTIVATE for Freshwater Aquariums are classified by ATCC (American Type Culture Collection) as BioSafety Level 1. BioSafety Level 1 bacteria are non-hazardous and do not require special handling.

## Section III: Physical Data

Boiling Point	100 deg C
PH	7.5 to 8.5
Appearance and Odor	Slightly amber colored liquid, slightly musty to no odor
Specific Gravity	1.00

## Section IV: Fire and Explosion Data

Flash Point (Method)	Non-combustible
Extinguishing Media	Non-combustible
Special Fire Fighting Instructions	Non-Combustible, self contained
Unusual Fire Hazards	None

### **Section V: Health Hazard Data**

<b>Effects of Overexposure:</b>	EYES – moderate irritant. SKIN – may cause irritation. INHALATION – may cause irritation of nose, throat and respiratory tract. INGESTION – may cause nausea, vomiting, and abdominal pains. <i>No chronic problems known to exist.</i>
<b>Routes of Exposure</b>	INHALATION – none, non-volatile SKIN CONTACT – N/A EYE CONTACT – may cause irritation or temporary conjunctivitis INGESTION – may cause irritation or purging if large quantities ingested.
<b>Emergency and First Aid Procedures</b>	SKIN CONTACT – Wash contaminated area with large quantities of water. Remove contaminated clothing, and wash before wearing again. EYE CONTACT – Flush eyes immediately for 15 minutes including under lids. Call physician immediately. INGESTION – Dilute by giving 2 glasses of milk or water. Contact physician.

### **Section VI: Reactivity Data**

<b>Conditions Contributing to Instability</b>	N/A. Stable.
<b>Conditions Contributing to Polymerization</b>	N/A. Will not polymerize
<b>Hazardous Decomposition Products</b>	None.
<b>Incompatibility</b>	None.

### **Section VII: Spill or Leak Procedures**

<b>Steps to be Taken in Case Material is Leaked or Spilled</b>	Those involved should avoid contact with skin or eyes. Clean up area with soap and water.
<b>Waste Disposal Method</b>	Add water, dilute, and flush to the sewer. Follow Federal, State and local regulations.

### **Section VIII: Special Protection Information**

<b>Respiratory Protection</b>	None required
<b>Protective Equipment</b>	Wear clean, dry rubber gloves, and approved eye wear.

### **Section IX: Special Precautions**

<b>For Handling and Storage</b>	Store material in sealed container in a dry place, away from acids or bases. Protect container from physical damage.
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