



P.O. BOX 11331 • CINCINNATI, OHIO 45211  
(513) 353-3000 • FAX (513) 353-1090

## Material Safety Data

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Aquamate, Maintain Pool Pro & Private Brand 30% Non Foam Algaecide, Swim Clear Super Algaecide

**Product Id:**.....5830

**Synonyms:**.....Clearaid SCP, WSCP

**Date:**.....09-15-2011

**Edition:**..... 8

**Sold By:**

Baleco International Inc  
3200 Stateline Road  
North Bend, Ohio 45052  
513-353-3000

EMERGENCY PHONE NUMBERS 24-HOUR PHONE NUMBER: 517-636-4400 CHEMTREC: 1-800-424-9300 INFORMATION (304)746-3000
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### SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Components of this mixture may be proprietary information. In the event of a medical emergency, compositional information will be provided to physician or nurse.

This product is hazardous as defined in 29 CFR 1910.1200, based on the following compositional information:

Chemical Name	Wt. %	CAS #
Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]	30	31512-74-0

### SECTION 3. HAZARDS IDENTIFICATION

**Emergency Overview**

**Physical Appearance:** Clear, light yellow to brown liquid.

**Immediate Concerns:** CAUTION! Irritating to eyes.

**Potential Health Effects**

**Eyes:** Irritating to eyes.

**Skin:** Prolonged or repeated exposure may irritate.

**Ingestion:** There is limited information available to determine whether this material causes harm from swallowing.

**Inhalation:** Mist may be irritating to eyes and respiratory tract.

**Cancer Statement:** This product (or any component at a concentration of 0.1% or greater) is not listed by the NTP, IARC, OSHA or EPA as a carcinogen.

### SECTION 4. FIRST AID MEASURES

**Eye Exposure:** Flush immediately with copious amounts of tap water or normal saline (minimum of 15 minutes). Take exposed individual to a health care professional, preferably an ophthalmologist, for further evaluation.

**Skin Exposure:** Wash exposed area with plenty of soap and water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists consult a health care professional.

**Inhalation:** If exposure by inhalation is suspected, immediately move exposed individual to fresh air. If individual experiences nausea, headache, and dizziness, has difficulty in breathing or is cyanotic, seek a health care professional immediately.

**Ingestion:** DO NOT INDUCE VOMITING. Rinse mouth with copious amounts of water first. Give 1 – 2 glasses of water slowly giving one (1) to two (2) glasses of water or milk. Never give fluids by mouth to individuals who are unconscious. Seek medical attention.

## ***Section 5. FIRE FIGHTING MEASURES***

**Flashpoint :** > 212°F

**Flammable Limits:** Not Available

**Autoignition Temperature:** Not Available.

**Extinguishing Media:** Use extinguishing agent suitable for type of surrounding fire.

**Fire Fighting Procedures:** Use water spray to cool fire exposed surfaces and to protect personnel. Isolate 'fuel' supply from fire.

**Fire Fighting Equipment:** As in any fire, wear self-contained breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

## ***SECTION 6. ACCIDENTAL RELEASE MEASURES***

### **Environmental Precautions:**

**Water Spill:** Prevent additional discharge if material, if possible to do so without hazard. This material is water soluble/dispersable and may not be recoverable.

**Land Spill:** Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures. For large spills, implement cleanup procedures and, if in a public area, advise authorities.

**General Procedures:** Contain spilled liquid with sand or earth. Recover by pumping or with suitable absorbant.

**Release Notes:** Recycle or dispose of recovered material in accordance with all Federal, State and local regulations.

## ***SECTION 7. HANDLING AND STORAGE***

**General Procedures:** Keep container closed. Both open and handle containers with care. Store in a cool, well ventilated place away from incompatible materials. Do not pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do not reuse empty containers without commercial cleaning or reconditioning.

**Storage Temperature:** Ambient.

**Storage Pressure:** Atmospheric.

## ***SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION***

**Engineering Controls:** Ventilation should be provided to control worker exposures and prevent health risk; and as necessary to reduce, prevent and control aerosol generation.

### **Personal Protective Equipment**

**Eyes and Face:** Safety glasses with side shields.

**Skin:** Where contact may occur, wear chemical resistant gloves and long sleeves.

**Respiratory:** Where overexposure by inhalation may occur and engineering, work practices or other means of exposure reduction are not adequate, approved respirators may be necessary.

**Comments:** No workplace exposure limits have been established for this product.

## ***SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES***

**Physical State:** Liquid

**Odor:** Mild odor

**Appearance:** Clear

**Color:** Light yellow to brown

**pH:** 6.0 to 8.0

**Percent Volatile:** 40

**Boiling Point:** 212°F

**Freezing Point:** 32°F

**Solubility in Water:** Soluble

**Specific Gravity:** 1.13 to 1.17

**Viscosity:** <300Cp

**Density:** 9.4 – 9.8

## **SECTION 10. STABILITY AND REACTIVITY**

**Stable:** Yes

**Hazardous Polymerization:** No

**Hazardous Decomposition Products:** SYS10

## **SECTION 11. TOXICOLOGICAL INFORMATION**

**Toxicity Studies:** Toxicity studies have been completed on the active ingredients. The results are shown below:

**Acute Oral Toxicity LD50 (Albino Rats):** 1951 mg/kg

**Acute Dermal Toxicity LD50 (Albino Rats):** >2,000 mg/kg

**Acute Inhalation Toxicity LC50 (Rabbit):** 2.9mg/l (4 hours)

**Primary Eye Irritation Test (Albino Rabbits):** No data.

**Primary Skin Irritation Test (Albino Rabbits):** >2,000 mg/kg

## **SECTION 12. ECOLOGICAL INFORMATION**

Results below based in the active product.

### **Avian Data:**

Acute oral LD50, Quail: 354 mg/kg

Subacute DietaryLC50 (quail and duck): >5,620 ppm

### **Aquatic Data:**

96 Hour LC50, fish, mg/l: 0.047 Rainbow Trout

>600 Sheepshead Minnow

0.21 Bluegill, 13.0 Mysid Shrimp

Invertebrate (D. magna), acute toxicity, EC50: 0.37 mg/l (48 hour)

## **SECTION 13. DISPOSAL CONSIDERATIONS**

**Empty Container:** "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

**RCRA/EPA Waste Information:** Discarded product, as sold, would not be considered a RCRA Hazardous Waste.

**General Comments:** Ensure compliance with local, state and Federal regulations in disposing of this container, residual contents, or rinsing.

## **SECTION 14. TRANSPORT INFORMATION**

This product is not DOT regulated.

## **SECTION 15. REGULATORY INFORMATION**

### **United States**

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute Health.

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

313 REPORTABLE INGREDIENTS: This product does not contain Section 313 Reportable Ingredients.  
CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All components of this product are listed on the TSCA Inventory or are exempt from TSCA Inventory requirements.

RCRA STATUS: Discarded product, as sold, would not be considered a RCRA Waste.

## **SECTION 16. OTHER INFORMATION**

### **HMIS RATING:**

HEALTH: 1

FLAMMABILITY: 0

PHYSICAL HAZARD: 0

PERSONAL PROTECTION: B

The information in this material safety data sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This

Information has been prepared for the guidance of plant engineering, operations and management and for persons working with or handling this product. Baleco believes this information to be reliable and up to date as of the date of publication, but makes no warranty that it is. Additionally, if this material safety data sheet is more than three years old, you should contact baleco at the phone number listed in section 1 to make certain that this sheet is current.

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