



# Eradicator 60™

## Non-Foaming Algaecide

### ACTIVE INGREDIENT:

|  |        |
|--|--------|
| Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]: | 60.0%  |
| INERT INGREDIENT:  | 40.0%  |
| TOTAL:   | 100.0% |

This product contains 5.76 lbs. of active ingredient per gallon and weighs 9.6 lbs. per gallon.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION:** See first aid statement and other precautions on back panel.

**Kills & Prevents Swimming Pool Algae**

**Concentrated Formula For All Pool Types**

**Non-Metallic & Non-Staining**

**NET CONTENTS**  
**32 FL. OZ (946 ml)**

This product kills algae and clears the water in your swimming pool without requiring pool closing and without foaming.

### DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### APPLICATION AND DOSAGE RATE:

**VISIBLE ALGAE GROWTH:** 16 oz. of this product per 10,000 gallons of pool water.

**INITIAL CLEAN WATER TREATMENT:** 9 oz. of this product per 10,000 gallons of pool water.

**MAINTENANCE:** 4 oz. of this product per 10,000 gallons of pool water weekly.

Pools containing heavy algae growth should be cleaned prior to using this product. 24 hours after treating visible algae growth, algae debris should be removed by standard cleaning procedures. Dilute this product with at least nine parts water before applying. Pour required amount of this product into plastic watering can and fill with water. Maintaining constant pool circulation, sprinkle solution around the edge of the pool.

**IMPORTANT NOTE:** Always apply chemicals separately. Never combine them.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

#### FIRST AID

|                      |  |
|----------------------|--|
| <b>IF IN EYES:</b>   | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.                                    |
| <b>IF ON SKIN:</b>   | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.  |
| <b>IF SWALLOWED:</b> | Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water, if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. |
| <b>IF INHALED:</b>   | Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.   |

#### HOTLINE NUMBER:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

#### NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

#### STORAGE AND DISPOSAL

**STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Keep container closed when not in use. Leaking or damaged containers should be placed in a plastic bag and discarded in trash. Mop up spills with clear water. All pesticides should be kept out of reach of children and stored away from food.

**DISPOSAL:** Nonrefillable container. Do not reuse or refill empty container. Offer for recycling, if available, or wrap container and place in trash.

Distributed by:  
**Blue Wave Products**  
 St. Charles, Illinois  
 60174  
 1-800-759-0977

EPA REG. NO. 46043-4-63084  
 EPA EST. NO. 46043-FL-1

REV102909

32 oz. \_\_\_

30 oz. \_\_\_

28 oz. \_\_\_

26 oz. \_\_\_

24 oz. \_\_\_

22 oz. \_\_\_

20 oz. \_\_\_

18 oz. \_\_\_

16 oz. \_\_\_

14 oz. \_\_\_

12 oz. \_\_\_

10 oz. \_\_\_

8 oz. \_\_\_

6 oz. \_\_\_

4 oz. \_\_\_

2 oz. \_\_\_

# MATERIAL SAFETY DATA SHEET

Date Issued: 07/16/2008

MSDS No: Blue Wave Eradicator 60

Date Revised: 09/12/2008

Revision No: 2

## Blue Wave Eradicator 60

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Blue Wave Eradicator 60**GENERAL USE:** Algaecide**ACTIVE INGREDIENT(S):** Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]

#### DISTRIBUTOR

Blue Wave Products  
1745 Wallace Ave # B  
St Charles IL 60174

**Product Stewardship:** (800) 759-0977

### 2. HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

**EYES:** May cause eye irritation.**SKIN:** May cause skin irritation. Non-sensitizer for skin.**INGESTION:** Not expected to be a primary route of exposure.**INHALATION:** May cause irritation. Effects will depend on concentration and length of time of exposure.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CARCINOGENICITY:** Not listed by NTP, IARC or OSHA.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name  | Wt.% | CAS         |
|--|------|-------------|
| Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride] | 60   | 031512-74-0 |

### 4. FIRST AID MEASURES

**EYES:** Hold eyelids open and flush with a copious amounts of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist.**SKIN:** Immediately wash skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.**INGESTION:** DO NOT INDUCE VOMITING. Rinse mouth with plenty of water or milk. Slowly give 1 to 2 glasses of water

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or milk. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**INHALATION:** Immediately move person to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek immediate medical treatment.

### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** Not Available

**FLAMMABLE LIMITS:** 0 to 0

**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, foam, dry chemical.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide may be formed upon burning.

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material with absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. Flushing residual material to an industrial sewer may be acceptable.

### 7. HANDLING AND STORAGE

**STORAGE:** Avoid storing near anionic polymers.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)                                      |     |                 |                   |           |                   |
|--|-----|-----------------|-------------------|-----------|-------------------|
|  |     | EXPOSURE LIMITS |                   |           |                   |
|  |     | OSHA PEL        |                   | ACGIH TLV |                   |
| Chemical Name  |     | ppm             | mg/m <sup>3</sup> | ppm       | mg/m <sup>3</sup> |
| Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride] | TWA | [1]             | [1]               | [1]       | [1]               |
| <b>Footnotes:</b><br>1. Not established.   |     |                 |                   |           |                   |

**ENGINEERING CONTROLS:** Local exhaust.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear chemical safety glasses or goggles.

**RESPIRATORY:** None normally required.

**PROTECTIVE CLOTHING:** Body protective clothing and shoes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Mild.

**APPEARANCE:** Blue liquid.

**pH:** 6.0 to 8.0

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** 1.15 g/cm<sup>3</sup>

**BOILING POINT:** > 100°C (212°F)

**FREEZING POINT:** < -16°C (3.2°F)

**FLASHPOINT AND METHOD:** Not Available

**SOLUBILITY IN WATER:** Easily soluble in hot and cold water.

**EVAPORATION RATE:** Not Available

**SPECIFIC GRAVITY:** 1.125

## 10. STABILITY AND REACTIVITY

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## Blue Wave Eradicator 60

**STABILITY:** Stable under normal conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide may be formed upon burning.

**INCOMPATIBLE MATERIALS:** Anionic polymers.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg (rabbit)

**ORAL LD<sub>50</sub>:** 1951 g/kg (rat)

**INHALATION LC<sub>50</sub>:** 2.9 mg/L (4 hour - rat)

### 12. ECOLOGICAL INFORMATION

**AQUATIC TOXICITY (ACUTE):** LC50 = 0.37 mg/l - 48 hours (Invertebrate)

LC50 = 0.26 mg/l - 96 hours (Fathead minnow)

LC50 = 0.21 mg/l - 96 hours (Bluegill sunfish)

LC50 = 0.047 mg/l - 96 hours (Rainbow trout)

LC50 = >600 mg/l - 96 hours (Sheepshead minnow)

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with applicable local, state, and federal regulations.

### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not Regulated.

### 15. REGULATORY INFORMATION

#### UNITED STATES

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

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

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### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** No components of this product are present above the de minimus levels.

### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All components of this product may not be listed in the TSCA Inventory. EPA registered pesticides are exempt from the requirements of TSCA.

**CALIFORNIA PROPOSITION 65:** There are no chemicals present known to the State of California to cause cancer.

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** This is an EPA-registered product.

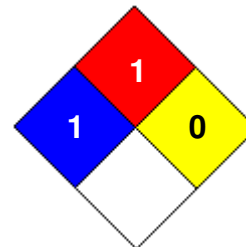
## 16. OTHER INFORMATION

**REVISION SUMMARY:** Revision #: 2. This MSDS replaces the September 11, 2008 MSDS. Any changes in information are as follows: In Section 1: MSDS Number

### HMIS RATING

|                             |          |
|-----------------------------|----------|
| <b>HEALTH:</b>              | <b>1</b> |
| <b>FLAMMABILITY:</b>        | <b>1</b> |
| <b>PHYSICAL HAZARD:</b>     | <b>0</b> |
| <b>PERSONAL PROTECTION:</b> |          |

### NFPA CODES



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