



Terminator™

Non-Foaming Algaecide

ACTIVE INGREDIENT:
 Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio)
 ethylene dichloride]:30.0%
 INERT INGREDIENTS:70.0%
 TOTAL:.....100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION: See first aid statement and other precautions on back panel.

Controls the Growth of Algae in Swimming Pools and Spas

For All Pool Types

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

DIRECTIONS FOR USE

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

Terminator is used to control the growth of algae in swimming pools, exterior spas, whirlpools and hot tubs. For maximum effectiveness pools, spas, whirlpools and hot tubs containing heavy growth of algae should be cleaned prior to using Terminator. For pools having just visible algae growth add an initial dose of 24 to 32 fluid ounces of Terminator per 10,000 gallons of water and remove settled algae debris by cleaning. For treatment of a freshly cleaned and filled pool add initially 13 to 24 fluid ounces of Terminator per 10,000 gallons of water. Subsequent additions of 4 to 9 fluid ounces of Terminator should be made every 5 to 7 days after initial treatment for maintenance.

Spas, whirlpools and hot tubs having just visible algae require an initial dose of 2 to 4 ounces of Terminator per 1,000 gallons of water. Subsequent additions of 0.5 to 0.8 fluid ounces of Terminator should be made every 5 to 7 days after initial treatment for maintenance. Terminator will prevent growth of most algae during the off-season winter months when pools are not in use. For pools, which have been properly treated during the swimming season and are free of visible algae, add 13 to 21 fluid ounces of Terminator per 10,000 gallons of water. If at the end of swimming season pools have some visible algae growth, add 25 to 32 fluid ounces per 10,000 gallons. It is necessary that a uniform distribution of algaecide, throughout the water and the pool be made for maximum effectiveness. If pool is not covered, it may be necessary to repeat the treatment one or more times during the season.

Terminator is compatible with those chemicals normally used to treat pools and spas and is effective at both acid and alkaline pH. Terminator can be used in pools and spas treated with chlorine chemicals and may reduce the amount of those chemicals normally required. However, do not mix Terminator with concentrated dry or liquid chlorine products.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

FIRST AID	
IF IN EYES:	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.
IF ON SKIN:	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.
IF SWALLOWED:	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.
IF INHALED:	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 and aquatic organisms.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Keep container closed when not in use. Leaking or damaged containers should be placed in 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.

Pesticide Disposal: Pesticide Wastes are acutely hazardous. Improper disposal of excess pesticide, spray moisture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill this 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

REV 123009

EPA REG. NO. 46043-24-63084
 EPA EST. NO. 46043-FL-1

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 Terminator
 Date Revised: 09/11/2008
 Revision No: 1

Blue Wave Terminator

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Blue Wave Terminator

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]	30	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 ³	ppm	mg/m ³	
Poly[oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]		TWA	[1]	[1]	[1]	[1]
Footnotes: 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/cm³

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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STABILITY: Stable under normal conditions.

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

INCOMPATIBLE MATERIALS: Anionic polymers.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 2000 mg/kg (rabbit)

ORAL LD₅₀: 1951 g/kg (rat)

INHALATION LC₅₀: 2.9 mg/L (4 hour - rat)

COMMENTS: Listed amounts for full strength active ingredient.

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)

COMMENTS: Listed amounts for full strength active ingredient.

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

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SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

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.

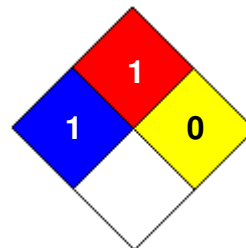
16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 1. This MSDS replaces the July 16, 2008 MSDS.

HMIS RATING

HEALTH:	1
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES



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