

MATERIAL SAFETY DATA SHEET

Date Issued: 07/14/2008
 MSDS No: Blue Wave Eliminator
 Date Revised: 08/19/2008
 Revision No: 1

Blue Wave Eliminator

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Blue Wave Eliminator
GENERAL USE: Algaecide

DISTRIBUTOR

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

Product Stewardship: (800) 759-0977

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Primary routes of entry: skin, eyes, inhalation.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: Causes skin irritation.

INGESTION: Harmful if swallowed.

INHALATION: Causes respiratory tract irritation.

COMMENTS: Signs and Symptoms: Contact with skin and eyes may be irritating. Vapors or mists may cause irritation with pain, coughing and discomfort to eyes, nose, throat, and chest.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Copper,[u-[carbonate(2-)0:0]] Dihydroxydi-	7.41	012069-69-1	235-113-6
1,2,3-propanetricarboxylic Acid, 2-hydroxy-	> 0.1	000077-92-9	201-069-9
Ethanol, 2-amino-	> 0.1	000141-43-5	205-483-3
Ethanol, 2, 2', 2''-nitrilotris	> 0.1	000102-71-6	203-049-8

4. FIRST AID MEASURES

MATERIAL SAFETY DATA SHEET

Date Issued: 07/14/2008
MSDS No: Blue Wave Eliminator
Date Revised: 08/19/2008
Revision No: 1

Blue Wave Eliminator

EYES: Hold eyelids apart and immediately flush with plenty of water for at least 15 minutes. Call a physician immediately.

SKIN: Rinse with tepid water for at least 15 minutes.

INGESTION: Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Flammable

FLAMMABLE LIMITS: 0 to 0

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

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

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Flood with water.

7. HANDLING AND STORAGE

HANDLING: Keep out of reach of children. Wash hands thoroughly after handling. Avoid contact with eyes. Wash hands before eating, drinking or smoking.

STORAGE: Store in a cool dry place.

COMMENTS: Use safe chemical handling procedures suitable for the hazards presented by this material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

MATERIAL SAFETY DATA SHEET

Date Issued: 07/14/2008
 MSDS No: Blue Wave Eliminator
 Date Revised: 08/19/2008
 Revision No: 1

Blue Wave Eliminator

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1,2,3-propanetricarboxylic Acid, 2-hydroxy-	TWA	[1]	[1]	[2]	[2]	NL	NL
	STEL					NL	NL
Ethanol, 2-amino-	TWA	3 ppm [3]	6 mg/m ³ [3]	3 ppm	7.5 mg/m ³	NL ppm	NL mg/m ³
	STEL	ppm	mg/m ³	6 ppm	15 mg/m ³	NL ppm	NL mg/m ³
Footnotes: 1. 5 mg/m ³ (respirable dust) 2. Not established. Use TLV for Nuisance dusts of 5 mg/m ³ . 3. NL = Not Listed							

ENGINEERING CONTROLS: Local exhaust acceptable. Special exhaust not required.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields or goggles.

SKIN: Chemical-resistant gloves.

RESPIRATORY: General room ventilation is normally adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild.

APPEARANCE: Blue viscous liquid.

pH: 9 to 10

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: > 1

BOILING POINT: (212°F)

FLASHPOINT AND METHOD: Not Flammable

SPECIFIC GRAVITY: 1.200

10. STABILITY AND REACTIVITY

MATERIAL SAFETY DATA SHEET

Date Issued: 07/14/2008
MSDS No: Blue Wave Eliminator
Date Revised: 08/19/2008
Revision No: 1

Blue Wave Eliminator

STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Thermal decomposition may cause oxides of carbon and nitrogen.

INCOMPATIBLE MATERIALS: Avoid strong acids and nitrates.

11. TOXICOLOGICAL INFORMATION

COMMENTS: None available.

12. ECOLOGICAL INFORMATION

COMMENTS: None available.

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: Corrosive Liquid N.O.S. (Copper Triethanolamine Complex)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 1760

PACKING GROUP: III

OTHER SHIPPING INFORMATION: DOT exception 173.154 - this product qualifies as a Consumer Commodity (ORM-D) when inner packaging does not exceed 1 gallons.

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

MATERIAL SAFETY DATA SHEET

Date Issued: 07/14/2008
 MSDS No: Blue Wave Eliminator
 Date Revised: 08/19/2008
 Revision No: 1

Blue Wave Eliminator

Chemical Name	CAS
Copper,[u-[carbonate(2-)0:0]] Dihydroxydi-	012069-69-1
1,2,3-propanetricarboxylic Acid, 2-hydroxy-	000077-92-9
Ethanol, 2-amino-	000141-43-5
Ethanol, 2, 2', 2''-nitrilotris	000102-71-6

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Ethanol, 2, 2', 2''-nitrilotris	Massachusetts Hazardous Substance

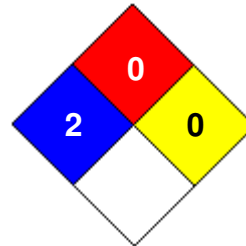
16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 1 This MSDS replaces the July 14, 2008 MSDS. Any changes in information are as follows:

HMIS RATING

HEALTH:	2
FLAMMABILITY:	0
PHYSICAL HAZARD:	1
PERSONAL PROTECTION:	

NFPA CODES



MANUFACTURER DISCLAIMER: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).