

MATERIAL SAFETY DATA SHEET

Date Issued: 07/01/2008
MSDS No: Blue Wave Super Floc
Date Revised: 08/30/2011
Revision No: 2

Blue Wave Super Floc

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Blue Wave Super Floc
GENERAL USE: Flocculent

DISTRIBUTOR

Blue Wave Products
1745 Wallace Ave # B
St Charles, IL 60174
Product Stewardship: (800) 759-0977

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: Causes skin irritation.

INGESTION: Harmful if swallowed.

INHALATION: Irritating to respiratory system.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Polyaluminum Chloride	25 - 40	1327-41-9	215-477-2

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for 15 minutes. Get medical attention.

SKIN: Flush skin with water. Remove contaminated clothing. Wash before reuse.

INGESTION: Do not induce vomiting. Give large quantities of water, then an antacid. Never give anything by mouth to an unconscious person. Call a physician immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Will not burn.

FLAMMABLE LIMITS: 0 to 0

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EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: Use water to cool containers exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Review safety precautions before proceeding with cleanup. Use appropriate personal protection. Dike area around spill to prevent spreading and use absorbent material to pick up spill.

7. HANDLING AND STORAGE

HANDLING: Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient to keep airborne levels below exposure limits (2 mg/m³ - 8 hour time weighted period).

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield if splashing is possible.

SKIN: Impervious gloves.

RESPIRATORY: If needed, use OSHA-NIOSH approved respirator with cartridge for dusts/mists.

PROTECTIVE CLOTHING: Impervious clothing to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: None.

APPEARANCE: Blue liquid.

pH: 2.3 to 2.9

VAPOR PRESSURE: 20 mm Hg @ 35 deg C

VAPOR DENSITY: Air = 1; N/F 1

BOILING POINT: 100°C

MELTING POINT: -15°C

FLASHPOINT AND METHOD: Will not burn.

SOLUBILITY IN WATER: Complete.

SPECIFIC GRAVITY: 1.170 to 1.25

10. STABILITY AND REACTIVITY

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STABILITY: Stable.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

INCOMPATIBLE MATERIALS: Reacts with caustic, evolving heat and precipitating aluminum hydroxide.

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, acidic, inorganic, N.O.S. (Polyaluminum chloride solution)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3264

PACKING GROUP: III

OTHER SHIPPING INFORMATION: DOT exception 173.154 - this product qualifies as a Limited Quantity when inner packaging does not exceed 1 gallons.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Poyaluminum Chloride	1327-41-9

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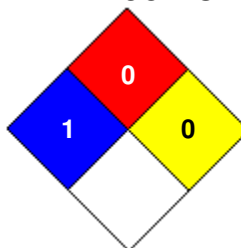
16. OTHER INFORMATION

REVISION SUMMARY: This MSDS replaces the 08/20/2008 MSDS.

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES



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