

# MATERIAL SAFETY DATA SHEET

Date Issued: 07/01/2008  
 MSDS No: Blue Wave Super Floc  
 Date Revised: 08/20/2008  
 Revision No: 1

## 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	001327-41-9	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.

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### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** Will not burn.

**FLAMMABLE LIMITS:** 0 to 0

**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/m<sup>3</sup> - 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

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**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

**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)**

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**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 Consumer Commodity (ORM-D) 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	001327-41-9

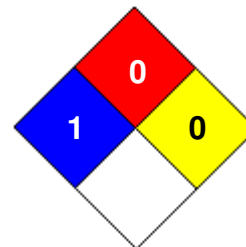
### 16. OTHER INFORMATION

**REVISION SUMMARY:** Revision #: 1 This MSDS replaces the June 26, 2008 MSDS. Any changes in information are as follows:

#### HMIS RATING

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

#### NFPA CODES



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