

MATERIAL SAFETY DATA SHEET

Date Issued: 04/14/2011

MSDS No: BW Super Shimmer

Blue Wave Super Shimmer

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Blue Wave Super Shimmer**GENERAL USE:** Swimming pool clarifier.**DISTRIBUTOR**

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

Product Stewardship: (800) 579-0977

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW**IMMEDIATE CONCERNS:** May be mildly irritating to eyes. Not likely to be hazardous to skin, respiratory tract, or by ingestion.**POTENTIAL HEALTH EFFECTS****EYES:** May cause mild eye irritation.**SKIN:** Non-hazardous to skin.**INGESTION:** Not likely to be hazardous by ingestion.**INHALATION:** Not likely to be hazardous by inhalation.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Eye irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %
Trade Secret (OSHA Hazardous)	2
Other non-hazardous ingredients	98

4. FIRST AID MEASURES

EYES: Remove contact lenses (if applicable), flush with water for 15 minutes. Call a physician.**SKIN:** Cleansing the skin after exposure is advisable.**INGESTION:** Consult a physician, if necessary.**INHALATION:** If large amounts of fumes are inhaled, remove to fresh air and consult a physician.**NOTES TO PHYSICIAN:** None.

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5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Available

FLAMMABLE LIMITS: 0 to 0

FLAMMABLE CLASS: NA = Not Applicable

EXTINGUISHING MEDIA: Does not burn. Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING EQUIPMENT: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Dilute with water and hose down.

RELEASE NOTES: Dilute with water and hose down.

COMMENTS: Material is 100% biodegradable and is nontoxic.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: General ventilation is sufficient under normal conditions. Store in a cool, dry, well-ventilated area away from direct heat.

HANDLING: Avoid eye contact.

STORAGE: Container should be kept covered to prevent contamination. Store in a cool, dry, well-ventilated area away from direct heat. Avoid storing near strong oxidizing materials and strong bases.

STORAGE TEMPERATURE: 10°C Minimum to 50°C Maximum

Notes: Product will freeze at -3 deg C. Shelf life is indefinite but viscosity will decrease over time.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
			EXPOSURE LIMITS	
			ACGIH TLV	
Chemical Name			ppm	mg/m ³
Trade Secret (OSHA Hazardous)			TWA	5

ENGINEERING CONTROLS: General ventilation should be sufficient under normal conditions.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses recommended.

SKIN: For operations where hand contact can occur, rubber gloves recommended.

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RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Respirator use is not required for this product.

PROTECTIVE CLOTHING: For operations where skin contact can occur, wear impervious clothing such as apron, boots, or whole bodysuit.

OTHER USE PRECAUTIONS: Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Pungent vinegar odor.

APPEARANCE: Blue liquid.

PHYSICAL STATE COMMENTS: Viscous liquid

pH: 3.0 to 4.5

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A.

BOILING POINT: (211 °F)

FREEZING POINT: N/A

FLASHPOINT AND METHOD: Not Available

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1.000 to 1.1

COMMENTS: Note: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications.

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Freezing temperatures or excess heat (for quality purposes).

HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur.

INCOMPATIBLE MATERIALS: Strong oxidizers and strong bases.

11. TOXICOLOGICAL INFORMATION

COMMENTS: None available.

12. ECOLOGICAL INFORMATION

BIOACCUMULATION/ACCUMULATION: Not Available

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AQUATIC TOXICITY (ACUTE):

Acute:

- Daphnia LC 50 – 1369 mg/L
- Daphnia NOEC – 1000 mg/L
- Fathead minnows LC 50 – 642 mg/L
- Fathead minnows NOEC – 500 mg/L
- Rainbow Trout LC 50 – 173 mg/L
- Rainbow Trout NOEC – 125 mg/L

Chronic:

- Rainbow Trout LC 50 – 154 mg/L
- Rainbow Trout LC 25 – 121 mg/L
- Fathead Minnow LC 50 - >1000 mg/L
- Fathead Minnow LC25 – 932 mg/L

COMMENTS: None available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.**GENERAL COMMENTS:** If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from 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)**311/312 HAZARD CATEGORIES:** Not listed.**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA RQ:** Not Applicable**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA STATUS:** All ingredients in this mixture are in compliance with 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):** Not regulated.

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16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

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