

MATERIAL SAFETY DATA SHEET

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

Blue Wave pH Balance

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Blue Wave pH Balance
GENERAL USE: Phosphate Based Buffer

DISTRIBUTOR

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

Product Stewardship: (800) 759-0977

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: No more than slightly irritating to eyes.

SKIN: No more than slightly irritating.

INGESTION: Not toxic. Swallowing large amounts may cause abdominal discomfort and diarrhea.

INHALATION: Not expected to be toxic by inhalation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Phosphoric Acid, Dipotassium Salt	30 - 40	007758-11-4	231-834-5
Monosodium Phosphate Anhydrous	5 - 10	010049-21-5	
Water	0	007732-18-5	231-791-2

4. FIRST AID MEASURES

EYES: Immediate first aid not likely to be required. Remove material from eyes with water.

SKIN: Immediate first aid not likely required. Remove with water.

INGESTION: Immediate first aid is not likely to be required, however you may contact a poison control for advice.

INHALATION: Remove to fresh air.

MATERIAL SAFETY DATA SHEET

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

Blue Wave pH Balance

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Will not burn.

FLAMMABLE LIMITS: 0 to 0

FIRE FIGHTING EQUIPMENT: As a general precaution, firefighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Avoid contact with skin, eyes and clothing. Prevent product from entering soil or drains.

7. HANDLING AND STORAGE

HANDLING: Avoid unnecessary exposure. Remove material from eyes, skin and clothing.

STORAGE: Store in a cool dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Monosodium Phosphate Anhydrous	TWA	[1]	[1]	[2]	[2]
Footnotes:					
1. 15 mg/m ³ (total dust) 8-hr TWA; 5 mg/m ³ (respirable) 8-hr TWA for Particulates Not Otherwise Regulated					
2. 10 mg/m ³ (Inhalable) 8 hr TWA; 3 mg/m ³ (respirable) 8 hr TWA for Particulates Not Otherwise Classified					

ENGINEERING CONTROLS: Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses recommended.

SKIN: Protective gloves.

RESPIRATORY: For normal use, a respirator is not required, although a MSHA/NIOSH-approved respirator may be required when airborne concentration exceeds the permissible limit.

MATERIAL SAFETY DATA SHEET

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

Blue Wave pH Balance

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Blue liquid.

pH: 7.92

VAPOR PRESSURE: 11.667

VAPOR DENSITY: 11.667

FLASHPOINT AND METHOD: Will not burn.

SPECIFIC GRAVITY: 1.000

(VOC): 50.000

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: None.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE

NOTES: Monosodium Phosphate Anhydrous:

LD50 Oral 7100 mg/kg (rat) Practically non-toxic.

LD50 Dermal 7940 mg/kg (rabbit); practically non-toxic

Eye Irritation 1.3/110.0 (rabbit); practically nonirritating.

Dipotassium Phosphate Anhydrous:

LD50 Oral greater than 500 mg/kg (rat) -No more than slightly toxic

LD50 Dermal greater than 300 mg/kg (rabbit); mildly irritating in unwashed eyes

Eye Irritation (rabbit); mildly irritating in unwashed eyes

Eye irritation (rabbit; non-irritating in washed eyes

MATERIAL SAFETY DATA SHEET

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

Blue Wave pH Balance

12. ECOLOGICAL INFORMATION

COMMENTS: Monosodium Phosphate Anhydrous:

48-hr EC50 Daphnia Magna: greater than 1000 mg/L; Practically nontoxic
 96-hr LC50 Bluegill sunfish; 6400 mg/L; Practically nontoxic
 96-hr LC50 Rainbow trout; 3200 mg/L; Practically nontoxic

Dipotassium Phosphate Anhydrous:

48-hr EC50 Daphnia magna: greater than 100 mg/L; Practically nontoxic
 96-hr LC50 Myside Shrimp; greater than 1000 mg/L; Practically nontoxic
 96-hr LC50 Rainbow trout; greater than 100 mg/L; Practically nontoxic

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

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Phosphoric Acid, Dipotassium Salt	007758-11-4

16. OTHER INFORMATION

MATERIAL SAFETY DATA SHEET

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

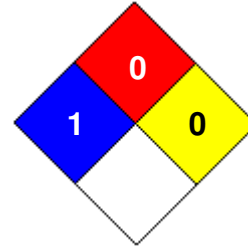
Blue Wave pH Balance

REVISION SUMMARY: Revision #: 1 This MSDS replaces the June 30, 2008 MSDS. Any changes in information are as follows:

HMIS RATING

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

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).