

AQUA MAG®

MATERIAL SAFETY DATA SHEET

Information: 815-223-1500 Emergency: 800-435-6856 CHEMTREC: 800-424-9300

I. IDENTIFICATION

PRODUCT NAME:	Aqua Mag	REVISION DATE:	10/15/2001		
CHEMICAL NAME:	Blended Phosphate	FORMULA:	Proprietary		
SYNONYMS:	Ortho/Polyphosphate Blend	PACKING GROUP:	NA		
D.O.T. HAZARD CLASS:	Non-Hazardous	UN NO.	NA	CAS NO.	NA
D.O.T. SHIPPING NAME:	Not Regulated	CAS NAME	NA		

II. PHYSICAL DATA

PHYSICAL STATE:	Clear liquid	SPECIFIC GRAVITY:	1.37	pH:	5.2
BOILING POINT, °C:	> 100°C (212°F)	SOLUBILITY IN WATER:	Soluble in all proportions.		
FREEZING POINT, °C:	< 3°C (38°F)	VOLATILES VOLUME %:	NA		
VAPOR PRESSURE AT 20°C Mm Hg:	NA	EVAPORATION RATE:	NA		

III. HAZARDOUS COMPONENTS GREATER THAN 1%

MATERIAL	PEL	TLV	CAS.NO.	%
Monosodium Phosphate	No Data	No Data	7758-80-7	> 1%
Sodium Acid Pyrophosphate	No Data	No Data	7758-16-9	> 1%
This product contains no toxic chemicals subject to the reporting requirements of Section 313 – Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.				
CARCINOGENICITY: Not listed by NTP, IARC, or OSHA				

IV. FIRE AND EXPLOSIVE HAZARD DATA

FLAMMABILITY:	Non-flammable.
NORMAL EXTINGUISHING AGENT:	Suitable for surrounding materials.
SPECIAL FIRE FIGHTING PROCEDURES:	Not Applicable.
USUAL FIRE AND EXPLOSION HAZARDS:	None known.

V. REACTIVITY DATA

STABILITY:	Stable	CONDITIONS TO AVOID:	Heat and freezing.
INCOMPATIBILITY (materials to avoid):	No specific data.		
HAZARDOUS COMBUSTION / DECOMPOSITION PRODUCTS:	May liberate oxides of sodium or phosphorus if involved in fire.		



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continued PRODUCT NAME:

Aqua Mag }

VI. HEALTH HAZARD DATA

ACUTE EFFECTS OF EXPOSURE	
INGESTION:	May cause irritation to mouth and throat, or nausea and vomiting.
SKIN CONTACT:	May cause skin irritation.
INHALATION:	May cause irritation to the respiratory tract.
EYE CONTACT:	May cause eye injury.
CHRONIC EFFECTS OF EXPOSURE:	No specific information.
OTHER HEALTH DATA:	No specific information. Maximum use level per NSF Standard 60: 23mg/L

EMERGENCY AND FIRST AID PROCEDURES

INGESTION:	Burning of mouth area may be reduced or eliminated through continued rinsing with water. Do not induce vomiting. Drink large quantities of water. Consult a physician.
SKIN :	Flush exposed area with water. Rinse thoroughly. Consult a physician.
INHALATION:	Remove to fresh air. Consult a physician.
EYES:	Flush eyes with copious amounts of water for at least 15 minutes. Consult a physician.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:	Contain all spills. Absorb with inert media and dispose of properly. Flush area with large amounts of water.
WASTE DISPOSAL METHOD:	Disposal of all materials shall be in full and strict compliance with all federal, state, and local regulations pertaining to phosphates.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Approved NIOSH/MSHA mist respirator.		
PROTECTIVE GLOVES:	Chemical resistant.	EYE PROTECTION:	Chemical safety goggles.
VENTILATION:	Well ventilated area.	SPECIAL EQUIPMENT:	Impervious apron, eyewash fountain, safety shower.

IX. SPECIAL PRECAUTIONS

HANDLING AND STORAGE:	Store in cool, dry place. Protect container from physical damage.
OTHER:	None known.

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