

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 (212 °F)	SOLUBILITY IN WATER: Soluble in all proportions.	
FREEZING POINT, °C: < 3 (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.		



CARUS CHEMICAL MUNICIPAL

PARTNER OF PRO PRODUCTS

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.

PRO PRODUCTS, LLC

Chithambarathanu Pillai (S.O.F.)
Division of Carus Corporation
315 Fifth Street PO Box 599 Peru, IL 61354
Tel (815) 223-1500 Fax (815) 224-6697

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change, and the conditions of handling, use or misuse of the product are beyond our control. Carus Chemical Company makes no warranty, either express or implied, including any warranties of merchantability and fitness for a particular purpose. Carus also disclaims all liability for reliance on the completeness or confirming accuracy of any information included herein. Users should satisfy themselves that they are aware of all current data relevant to their particular users.

Responsible Care® is a service mark of the American Chemistry Council. Aqua Mag ™ is a trademark of Carus Corporation. Copyright 1998