

Wednesday, May 08, 2002

In Case of Chemical Emergency

Call Chemtrec at 1-800-424-9300

**MATERIAL SAFETY DATA SHEET**

THE KJELL CORPORATION  
P.O. BOX 834  
BELOIT, WISCONSIN 53512-0834  
(800) 356-0422 (608) 755-0422

Product Name: **AQUA MAG**

Date Prepared: June 18, 1986

Last Revision: January 20, 1998

**PRODUCT INFORMATION**

Synonyms: Blended sodium phosphate  
Chemical Family: Liquid phosphate blend  
Formula: Proprietary  
Maximum Use: 23.4 mg/L



HAZARD RATINGS AND PROTECTION INDEXES  
APPEAR IN APPROPRIATE BOXES.

**HAZARD RATING**

0 - MINIMAL HAZARD 1 - SLIGHT HAZARD  
2 - MODERATE HAZARD 3 - SERIOUS HAZARD  
4 - SEVERE HAZARD

**PROTECTION INDEX**

A - EYES B - HANDS  
C - RESPIRATORY D - BODY

Note: Use of an asterisk (\*) or other designation  
indicates that there may be chronic health effects  
present. See safety file on the product.

**PRECAUTIONARY INFORMATION**

Precautionary Statement:  
(As defined by OSHA Hazard  
Communications Standard)

No significant health effects reported from  
manufacturing locations

**INGREDIENTS / COMPONENTS**

Chemical Identity:	Sodium ortho/polyphosphate	Water
OSHA PEL:	Not established	Not established
ACGIH TLV:	Not established	Not established
CAS #:	Not assigned to blends	7732-18-5
Hazard Class:	None	None

**PHYSICAL DATA**

Boiling Point:	Above 100° C.
Melting Point:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density (Air = 1):	Not applicable
Specific Gravity (H <sub>2</sub> O = 1):	1.367 ± 0.01
Evaporation Rate (Butyl Acetate = 1):	Non-volatile
Solubility in Water by Weight:	Complete
pH (neat):	5.2 ± 0.5
Appearance:	Clear liquid
Odor:	Slight

Wednesday, May 08, 2002

## Material Safety Data Sheet: Aqua Mag

Page 2 of 3

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**FIRE AND EXPLOSION DATA**

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Flash Point:	Non-combustible
Flammable Limits	
Upper:	Not applicable
Lower:	Not applicable
Extinguishing Media:	Not applicable
Special Fire Fighting Procedures:	Not applicable
Unusual Fire & Explosion Hazards:	None

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**REACTIVITY DATA**

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Stability:	Stable
Incompatibility:	Concentrated chlorine and concentrated mineral acids
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Direct mixing of concentrates of chlorine and mineral acids
Hazardous Decomposition By-products:	Heat and sulfur dioxide

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**HEALTH HAZARD DATA**

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Routes of Exposure	
Eyes:	No published data
Skin Contact:	No published data
Skin Absorption:	No published data
Inhalation:	No published data
Ingestion:	No published data

Effects of Overexposure	
Acute Exposure:	No published data
Chronic Exposure:	When good industrial hygiene practices are followed, no significant inhalation hazard or skin irritation.

Other Health Effects	
Medical Conditions	
Aggravated by Exposure:	None known
Carcinogenic Potential	
NTP Annual Report:	Not listed
IARC Monographs:	Not listed
OSHA 29CFR Part 1910 Sub z:	Not listed

## Additional Regulatory Information

FDA:	GRAS list; permitted in food
USDA:	Listed as acceptable if followed by a potable water rinse
NSF International:	Certified to meet ANSI/NSF Standard 60
Underwriters Laboratories:	Certified to meet ANSI/NSF Standard 60

Wednesday, May 08, 2002

## Material Safety Data Sheet: Aqua Mag

Page 3 of 3

**Emergency and First-Aid Procedures**

Eyes:	Flush with water. If irritation occurs seek medical attention.
Skin:	Wash with water. If irritation occurs seek medical attention.
Inhalation:	Remove from exposure.
Ingestion:	Rinse mouth and dilute stomach contents with water or milk if available.
Decontamination Procedure:	Wash with water.
Notes to Physician:	Large doses may cause nausea and diarrhea.

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**STORAGE AND HANDLING**

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Spill or Leak Procedures:	Material should be wiped up for salvage or disposal. Flush with water.
Waste Disposal Method:	If not salvaged, dispose in a landfill in accordance with local, state, and federal regulations.
Precautions in Storing:	Should be stored in clean area for quality assurance. Keep container closed when not in use. Protect from freezing and extreme heat.

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**SPECIAL PROTECTION**

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Respiratory:	None required
Eye:	Not mandatory
Protective Gloves:	Not mandatory
Clothing & Equipment:	No special requirements
Ventilation Requirements:	No special requirements
Work/Hygiene Practices:	No special requirements. Follow good industrial hygiene practices.

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**TRANSPORTATION DATA**

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DOT Proper Shipping Name:	Sodium phosphate solution
DOT Classification:	Not regulated under 49CFR 172.101
DOT Labels:	Not required
DOT Placards:	Not required
Emergency Accident Precautions & Procedures:	Not hazardous. See instructions above for release or spill.

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**MANUFACTURER'S DISCLAIMER**

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