



#### Section 4. First Aid Measures

Eye Contact:	Flush eye with copious amounts of clean water, holding lids open. If irritation persists get medical attention.
Skin Contact:	Wash with soap and water.
Inhalation:	Remove to fresh air.
Ingestion:	If conscious, give water or milk to drink. DO NOT INDUCE VOMITING.
Note to Physicians:	Product dissolves in water to form alkaline solution. Prolonged contact can severely irritate eyes and respiratory tract and can dry or irritate skin.

#### Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Water, foam, carbon dioxide, dry chemical.
Unsuitable Extinguishing Media:	None known.
Products of Combustion:	Oxides of carbon, boron, nitrogen.
Protection of Firefighters:	Self-contained breathing apparatus if large quantities are involved.

#### Section 6. Accidental Release Measures

Personal Precautions:	Keep away from eyes and mouth. Avoid breathing dust.
Environmental Precautions:	Keep out of surface waters and sanitary sewers.
Methods for Containment:	Powder, not applicable. Solutions: dike area with sand, clay or other suitable material.
Methods for Clean-Up:	Sweep, shovel or scoop up. Mop up hard surfaces with water.
Other Information:	

#### Section 7. Handling and Storage

##### HANDLING

Do not open until ready to use.

##### STORAGE

Keep out of the reach of children. Store in original container at ambient conditions.

#### Section 8. Exposure Controls/Personal Protection

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Sodium Tripolyphosphate	Dust 10 mg/cubic meter	5400 mg/kg
Non-ionic surfactant	None established	2700 mg/kg
Sodium Borate	5 mg/cubic meter	>4500 mg/kg
Sodium Metasilicate	Dust 10 mg/cubic meter	> 1500 mg/kg
Bacteria Culture	None established	NA

Engineering Controls: Not normally necessary.

Eye/Face Protection: Protective goggles if handling large quantities.

Skin Protection: Rubber or other protective gloves if handling large quantities.

Respiratory Protection: Dust mask or particulates respirator recommended.

General Hygiene Considerations: Reasonable care. Keep away from food and beverages.

#### Section 9. Physical and Chemical Properties

Color: White to pale yellow	Odor: Citrus
Physical State: Powder	Odor Treshhold:
pH: 9 - 10, 2.25% solution	Freezing Point: Not applicable
Evaporation Rate: Not applicable	Boiling Point: Not applicable
Flash Point: Not applicable	Flammability(solid,gas): Non-flammable

Upper Flammability Limit: Not applicable  
Vapor Pressure: Not determined  
Vapor Density: Not determined  
Volatile Organic Compound (VOC), %weight:  
0.21%

Lower Flammability Limit: Not applicable  
Specific Gravity: Bulk density approximately 0.8 g/mL,  
tapped  
Auto-ignition Temperature: Not applicable  
Solubility (water): 2.25 %  
Percent Volatile: Less than 20% including water of  
crystallization

#### Section 10. Stability and Reactivity

Stability: Stable  
Conditions to Avoid: High temperatures  
Incompatible Materials: Strong acids  
Hazardous Decomposition Products: None known  
Possibility of Hazardous Reactions: Very improbable

#### Section 11. Toxicology Information

##### ACCUTE EFFECTS

Oral LD50: Not determined for mixture. Weighted average more than 3800 mg/kg  
Dermal LD50: Not classified as toxic by skin contact. Weighted average more than 2500 mg/kg.  
Inhalation: Not classified as toxic by inhalation. Weighted average as dust more than 7  
milligrams per Liter.  
Eye Irritation: Direct contact can be severely irritating  
Skin Irritation: Prolonged or repeated contact can dry or irritate skin.  
Sensitization: None known

##### CHRONIC EFFECTS

Carcinogenicity: None known  
Mutagenicity: None known  
Reproductive Effects: None known  
Developmental Effects: None known

#### Section 12. Ecological Information

Ecotoxicity: Not determined.  
Persistence/Degradability: Biodegradable.  
Bioaccumulation/Accumulation: Not determined.  
Mobility in Environment: Not determined.

#### Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State or Provincial, and Local regulations.

#### Section 14. Transportation Information

US DOT (ground)  
Proper Shipping Description: Not a Hazardous Material  
CANADA TDG (ground)  
Proper Shipping Description: Not a Dangerous Good  
ICAO (air)  
Proper Shipping Description: Not a Dangerous Good  
IMDG (water)  
Proper Shipping Description: Not a Dangerous Good

#### Section 15. Regulatory Information

Global Inventories

TSCA: United States	Included
DSL: Canada	Included
ECL: Korea	Not-Known
PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : Does not contain any SARA 313 substances

California Safe Drinking Water and Toxic Enforcement Act pf 1986 :(Proposition 65)

Does not contain any Proposition 65 substances

WHMIS: Canadian Workplace Hazardous Material Information System

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Section 16. Other Information
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Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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