

# ALDEX® Crystal

## Safety Data Sheet

### SECTION 1 – IDENTIFICATION

**Date of Revision:** May 05, 2015

**Emergency Contact Telephone:** CHEMTREC (800) 424-9300

**Product Name:** AMS 1010, AMS 2010, AMS 3010

**Synonym:** None

**CAS Number:** None Assigned

**Chemical Family:** Cross-linked Polyprotic Resin

**Manufacturer:**

WCM, Inc.  
6054 Corte Del Cedro  
Carlsbad, CA 92011  
(760) 930-9101  
[info@wastewise.com](mailto:info@wastewise.com)

**EMERGENCY CONTACT INFORMATION:**

CHEMTREC: (800) 424-9300

### SECTION 2 – HAZARD(S) IDENTIFICATION



**Warning:**

Harmful if ingested  
Causes eye irritation  
May cause skin irritation  
May cause respiratory irritation

If contact occurs, flush with water for fifteen minutes. If ingested, contact a physician for medical attention and call CHEMTREC at 1-800-424-9300.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Component:</b>	<b>CAS Number:</b>	(See Section 8 for exposure limits)
Ethanol	64-17-5	
Sodium Phosphate Tribasic	7601-54-9	

### SECTION 4 – FIRST AID MEASURES

**EYE CONTACT:** Flush with water for at least 15 minutes. Do not use chemical agents to neutralize. Seek medical aid..

**SKIN CONTACT:** Wipe or wash material from skin. Wash contaminated clothing. Seek medical aid.

**INHALATION:** Remove from exposure. Administer artificial respiration and oxygen if necessary. Seek medical aid.

**INGESTION:** Contact CHEMTREC at 1-800-424-9300 and seek medical aid.

### SECTION 5- FIRE-FIGHTING MEASURES

**FLASH POINT & METHOD:** 55°F, Close Cup  
**FLAMMABLE LIMITS (% Ethanol/Air) LOWER:** 3.2%

**AUTO IGNITION TEMP:** None  
**UPPER:** 25.7%

**EXTINGUISHING MEDIA:** Water spray, dry chemical, foam, carbon dioxide, halon.

**FIRE/EXPLOSION HAZARDS:** Combustion can evolve carbon monoxide and oxides of nitrogen.

\*These data are applicable to ethanol, an ingredient of CRYSTAL ALDEX. SEE SECTION 3

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Take up spills with pan broom; place in closed container. Wear gloves. For very large spills, use personal respiratory protection and eye protection. Shut off sources of ignition. Evacuate area and guard against fire.

**WASTE DISPOSAL:** All waste disposal must be done in accordance with applicable regulations.

## SECTION 7- HANDLING AND STORAGE

**HANDLING:** No special handling required. Avoid prolonged, excessive or repeated skin contact or inhalation. Avoid eye contact.

**STORAGE:** Keep away from sparks and flame. Avoid accumulating dust. This product can react with oxidizing agents, peroxides or concentrated acids or bases.

**OTHER:** Do not take internally. Wash exposed areas promptly and thoroughly after contact and before eating, drinking, use of tobacco products, or use of restrooms. Do not wear contacts without eye protection.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Guidelines:** (Product) - None Established.

**Ingredients CAS NO. Percent Exposure:**

Ethanol, 64-17-5: TWA: 1900 mg/m<sup>3</sup> 1000 ppm OSHA(PEL); NIOSH

Sodium Phosphate Tribasic, 7601-54-9: TWA: 15 mg/m<sup>3</sup> OSHA (PEL) Inhalation Total; 5 mg/m<sup>3</sup> OSHA (PEL) Inhalation Respirable

**Engineering Controls:** Use in a well-ventilated area

**Respiratory Protection:** NIOSH/OSHA approval air purifying or air-line respirator should be used whenever dust levels exceed exposure limits (5mg/m<sup>3</sup> respirator PEL).

**Eye Protection:** Safety glasses

**Hand Protection:** Gloves impervious to formaldehyde

**Skin Protection:** Wear appropriate protective clothing to minimize skin exposure.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 78°C\*

**Melting Point:** Unknown

**Vapor Pressure:** 44mm Hg (20°C)\*

**Vapor Density:** 1.6\*

**Solubility in Water:** Insoluble, Swells

**Specific Gravity:** NA

**Viscosity:** NA

**% Volatile by vol.:** NA

**pH:** 7 - 8

**Evaporation Rate:** NA

**Appearance/Odor:** Coarse opaque granules, very slight "ammonia odor".

\* These data are applicable to ethanol an ingredient of CRYSTAL ALDEX.

## SECTION 10 – STABILITY AND REACTIVITY

**Condition Contributing to Instability:** None. Materials may support combustion. Ethanol: keep away from flame and temperatures >160° F

**Incompatibility:** Oxidizing agents, strong acids or bases and peroxides .

**Hazardous Reactions/ Decomposition Products:** Carbon monoxide, carbon dioxide, ammonia and oxides of nitrogen.

**Condition Contributing to Hazardous Polymerization:** Excessive heat.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

**EYE:** Direct contact with resin granules can produce moderate to severe irritation.

**SKIN:** May produce mild irritation or drying on prolonged or repeated contact.

**INHALATION:** Prolonged or repeated inhalation may produce nose or throat irritation headache, nausea and dizziness. Severe exposure may lead to confusion, weakness, disorientation and collapse with drop in blood pressure.

**INGESTION:** Swallowing this product may lead to mouth and stomach irritation accompanied by burning pain, nausea, vomiting and diarrhea.

Persons with a history of disease or illness involving the skin, eyes, respiratory tract or circulatory system may be at greater risk of developing adverse health effects from exposure to this product.

#### SECTION 12 – ECOLOGICAL INFORMATION (non-mandatory)

#### SECTION 13 – DISPOSAL CONSIDERATIONS (non-mandatory)

#### SECTION 14 – TRANSPORT INFORMATION (non-mandatory)

#### SECTION 15 – REGULATORY INFORMATION (non-mandatory)

#### SECTION 16 – OTHER INFORMATION

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) RATING:

Health= 2    Flammability = 1    Reactivity= 1    Protective Equipment= B

No known ingredients which occur at greater than 0.1 % are listed as carcinogens by the IARC Monographs on the Evaluation of the Carcinogenic Risk to Humans, the NTP Annual Report on Carcinogens, or OSHA 29 CFR 1910.1001-1047 Subpart Z Toxic and Hazardous Substances.

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