

ALDEX® Crystal

Safety Data Sheet

SECTION 1 – IDENTIFICATION

Date of Revision: June 17, 2014

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

EMERGENCY CONTACT INFORMATION:

CHEMTREC: (800) 424-9300

SECTION 2 – HAZARD(S) IDENTIFICATION

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) RATING:

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

CAUTION: May cause irritation to skin and eyes. Harmful if swallowed. Avoid prolonged or repeated inhalation of vapors.

Do not use this product until SDS has been read and understood.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component:

Ethanol

Sodium Phosphate Tribasic

CAS Number:

64-17-5

7601-54-9

(See Section 8 for exposure limits)

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/m³ 1000 ppm OSHA(PEL); NIOSH

Sodium Phosphate Tribasic, 7601-54-9: TWA: 15 mg/m³ OSHA (PEL) Inhalation Total; 5 mg/m³ 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/m³ 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

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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