

# MATERIAL SAFETY DATA SHEET

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

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### PRODUCT NAME (as used on Label) ALLEGRO 122

Product Use: High Range Water Reducer for Prestressed/Precast Applications.

Manufacturer's Name & Address:	Emergency Telephone Number:	(800) 424-9300
AXIM		(CHEMTREC)
P.O. Box 234	Telephone Number for Information:	(330) 966-0444
8282 Middlebranch Road		Ext. 2046
Middlebranch, Ohio 44652	Date Prepared:	April 2009

MSDS Prepared By: Industrial Health & Safety Consultants, Inc.

MSDS Number: 2000996-2

Cancels MSDS #: 2000996-1

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## SECTION 2. HAZARDS IDENTIFICATION

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This product is a clear, amber liquid with a mild sweet odor.

### EMERGENCY OVERVIEW

CAUTION!

May cause eye irritation. May cause skin irritation on prolonged or repeated contact. Swallowing may cause gastrointestinal effects.

See Section 11 for detailed information.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Component	CAS No.	Amount by Wt.
Polycarboxylated polymer and other proprietary additives	Proprietary	<30%
Non-Hazardous Ingredients	Mixture	>70%

## SECTION 4. FIRST AID MEASURES

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**Eye:** Immediately flush eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation persists.

**Skin:** Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation develops or persists, get medical attention. Launder clothing before re-use.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. If conscious, rinse mouth with water and give one glass of water. Never give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

**Inhalation:** Immediately remove to fresh air. Get medical attention if symptoms persist.

## SECTION 5. FIRE FIGHTING MEASURES

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**Extinguishing Media:** This product is not combustible. Use any media that is appropriate for the surrounding fire.

**Special Fire Fighting Procedure:** Firefighters should wear positive-pressure, self-contained breathing apparatus and full protective clothing.

**Unusual Fire and Explosion Hazards:** Dried product will burn after water has evaporated.

**Hazardous Combustion Products:** Oxides of carbon and low molecular weight hydrocarbons.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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Wear appropriate protective clothing as described in Section 8. Contain and collect liquid with an inert absorbent and place into container. Report releases as required by local, state, and federal authorities.

## SECTION 7. HANDLING AND STORAGE

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**Handling:** Avoid contact with the eyes, skin, and clothing. Avoid breathing mists. Wear protective clothing and equipment. Wash thoroughly with soap and water after handling.

**Do not reuse un-approved containers.** Empty containers retaining product residues can be hazardous. Follow all MSDS precautions when handling empty containers.

**Storage:** Store in a cool, dark, well-ventilated area away from incompatible materials.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Exposure Guidelines:

Polycarboxylate polymer and other proprietary additives	None Established
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**Engineering Controls:** General ventilation is normally adequate. For operations where exposure levels are excessive, local exhaust ventilation or other mechanical ventilation may be needed.

**Respiratory Protection:** If exposure levels are excessive or irritation is experienced, a NIOSH approved particulate (dust/mist) respirator (N95 or better filters) may be worn. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134, CSA Standard Z94.4-02 and good industrial hygiene practice.

**Skin Protection:** Wear impervious gloves such as rubber to prevent contact.

**Eye Protection:** Chemical safety goggles are recommended.

**Other:** Wear impervious clothing as needed to avoid contact.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance and Odor:** Clear amber aqueous solution with a mild sweet odor.

Physical State: Liquid	Boiling Point: Not determined
Vapor Density: Not applicable	Vapor Pressure: Not applicable
Solubility In Water: 100%	Evaporation Rate: Same as water
Specific Gravity: 1.050 +/- 0.010 @ 25°C	pH: 4.0 +/- 1.0
Melting Point: Not applicable	Octanol/Water Coefficient: Not determined
Flash Point: None	Flammable Limits: LEL: Not applicable UEL: Not applicable

## SECTION 10. STABILITY AND REACTIVITY

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**Stability:** Stable

**Incompatibility (Materials to Avoid):** Strong oxidizing agents, acids, and bases.

**Hazardous Decomposition Products:** Thermal decomposition may produce oxides of carbon and low molecular weight hydrocarbons.

**Hazardous Polymerization:** Will Not Occur

## SECTION 11. TOXICOLOGICAL INFORMATION

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### HEALTH HAZARDS:

**Ingestion:** Ingestion may cause irritation of the mouth, throat, and gastrointestinal tract. Not expected to be acutely toxic if swallowed.

**Inhalation:** Inhalation of mists may cause nose, throat, and upper respiratory irritation.

**Eye:** Contact may cause irritation with redness and tearing.

**Skin:** Brief contact is not expected to cause irritation. Prolonged or repeated contact may cause irritation.

**Sensitization:** This product is not expected to cause sensitization.

**Chronic:** None currently known.

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

**Mutagenicity:** No data available.

**Medical Conditions Aggravated by Exposure:** Employees with pre-existing skin conditions may be at increased risk from exposure.

**Acute Toxicity Values:** No data available.

## SECTION 12. ECOLOGICAL INFORMATION

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No data available.

## SECTION 13. DISPOSAL CONSIDERATIONS

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Waste Disposal Method: Dispose according to local, state, and federal regulations.

## SECTION 14. TRANSPORT INFORMATION

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This product is not regulated for transportation by US DOT or Canadian TGD.

**Surface Freight Classification:** Concrete or Masonry Plasticizer and Water Reducing Compound

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## SECTION 15. REGULATORY INFORMATION

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**CERCLA:** This product is not subject to CERCLA release reporting requirements; however, many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

**SARA Hazard Category (311/312):** Acute Health

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**EPA TSCA Inventory:** All of the ingredients in this product are listed on, or exempt from, the EPA TSCA Inventory.

### **CANADA:**

This product has been classified under the CPR and this MSDS discloses information elements required by the CPR.

**Canadian WHMIS Classification:** Class D - Division 2 - Subdivision B - (A toxic material causing other chronic effects)

**Canadian CEPA:** All of the ingredients in this product are listed on, or exempt from, the Canadian DSL.

## SECTION 16. OTHER INFORMATION

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**NFPA Rating:** Health = 2                      Fire = 0                      Instability = 0  
**HMIS Rating:** Health = 2                      Fire = 0                      Reactivity = 0  
4 = Severe Hazard    3 = Serious Hazard    2 = Moderate Hazard    1 = Slight Hazard    0 = Minimal Hazard

### REVISION SUMMARY:

Date Prepared: January, 2004  
Date Revised: February, 2005  
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The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of this data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, state and local laws and regulation applicable to safety, occupational health, right to know and environmental protection.