



# Material Safety Data Sheet

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**Akona Manufacturing, LLC.**  
2025 Centre Pointe Boulevard, Suite 300  
Mendota Heights, MN 55120-1221

**Emergency Telephone Number:**  
651-905-8137  
**Information Telephone Number:**  
651-905-8137

**Revision Date:**  
July 2010

## SECTION I: PRODUCT IDENTIFICATION

Product Types: **Liquid Accelerator**

**AKONA Product Name:**  
Premium Concrete/Masonry Set Accelerator

## SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS#	Amount
Diethylene Glycol	111-46-6	0.5
Calcium Nitrate	10124-37-5	48.45
Tetrasodium Ethylenediaminetetraacetate Tetrahydrate	13235-36-4	0.05

## SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

**Physical State:** Liquid  
**Physical Appearance:** Blue-green liquid  
**Odor:** Odorless  
**Boiling Point:** 245.8°C (474.4°F)  
**Percent Volatile:** NA  
**Vapor Pressure:** 0.01 mm of Hg (@20°C)  
**Vapor Density:** 3.66 (Air = 1)  
**Specific Gravity:** 1.12 (Water = 1)  
**Evaporation Rate:** NA

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**Melting Point:** -8°C (17.6°F)  
**Flash Point:** Closed Cup: 138°C (280.4°F). Open Cup: : 143°C (289.4°F)  
**Auto-ignition Temperature:** 227.78°C (442°F)  
**Flammable Limits:** Lower: 2%; Upper: 12.3%  
**Unusual Hazards:** NA  
**Extinguishing Agents:** Water spray, dry chemical, foam, carbon dioxide or clean extinguishing agents may be used on fires involving this product  
**Personal Protective Equipment:** For fire fighting, wear self-contained breathing apparatus and full protective gear.  
**Special Fire Fighting Procedures:** SCBA recommended; smother to exclude air.  
**Stability:** The product is stable.

## SECTION V: REACTIVITY DATA

**Hazardous Polymerization:** Not anticipated under normal or recommended handling and storage conditions  
**Incompatibility:** None known

## SECTION VI: HEALTH HAZARD DATA

**Route(s) of Entry:** Inhalation? Yes  
Skin? Yes  
Ingestion? Yes

**Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?**  
Not classified as carcinogen

**Exposure:**

Inhalation: Mist may cause irritation of respiratory tract (symptoms: coughing, shortness of breath)  
Eye Contact: Irritation, redness, pain  
Skin Contact: Irritating with prolonged contact (symptoms: redness, itching, and pain)  
Ingestion: May cause nausea, diarrhea and vomiting

**First Aid:**

Inhalation: Remove victim to fresh air. Seek medical attention.  
Eye Contact: Flush with water for at least 15 minutes. Seek medical attention.  
Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.  
Ingestion: Seek medical attention.

## SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

AVOID SKIN AND EYE CONTACT AND AVOID BREATHING VAPORS

**Steps to be taken in case material is released or spilled:** Soak up with absorbent material. CAUTION! SLIPPERY ON FLOOR

**Waste disposal method:** Incinerate or dispose of in accordance with local, state and federal regulations

**Precautions to be taken in handling and storing:** Protect from freezing. Keep away from heat, flame, sparks and other ignition sources.

## SECTION VIII: CONTROL MEASURES

**Respiratory protection:** Not normally required, but if vapor concentration becomes high, use self-contained air mask.

**Ventilation:** Local exhaust: yes  
Mechanical: yes

**Eye protection:** Safety goggles

**Special protections:** Use protective clothing and gloves

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