



Product Name:

MASTER WORKS CA3 ACCELERATOR

I. Basic Information:

Supplier: Pathway Polymers

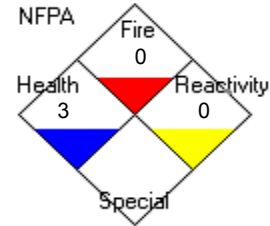
Address: 2003 Curtain Pole Rd., P.O. Box 5667

City, ST Zip: Chattanooga, TN 37406

Emergency Phone: 423-697-0400

Transportation Emergency Phone: Chem-trec 1-800-424-9300

3	Health
0	Flammability
0	Reactivity
C	Pers. Protection



Chemical State:  Liquid  Gas  Solid Chemical Type:  Pure  Mixture

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
10043013	Aluminum sulfate	23 - 27								2mg/m3
7732185	Water	73 - 77								

III. Hazardous Identification:

Hazard Category: ACUTE

Hazardous Identification Information:

Danger !

Corrosive!

Clear green liquid.

Contact causes severe skin and eye burns.

Inhalation of vapors or mist may cause severe irritation of the nose, throat and lungs.

IV. First Aid Measures:

Route(s) of Entry: Skin and Eye contact, inhalation, ingestion.

Health Hazards (Acute and Chronic):

Acute (Short-Term)

Contact may cause severe skin and eye irritation and burns.

Inhalation may cause severe respiratory tract irritation.

Ingestion may cause burning and severe swelling of the mouth, throat, and digestive tract gastrointestinal irritation, nausea, vomiting, diarrhea.

Signs and Symptoms:

Skin, eye and respiratory tract irritation.

Medical Conditions Generally Aggravated by Exposure:

None known.

Emergency and First Aid Procedures:

SKIN CONTACT: Immediately get under a safety shower. Remove contaminating clothing. Wash affected area with soap and plenty of water.

Discard contaminated articles made of leather.

EYE CONTACT: Flush (IMMEDIATELY!) eyes with water for at least 15 minutes. Contact a physician.



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INHALATION: Remove person to fresh air. If breathing is difficult, give oxygen.

INGESTION: Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. IMMEDIATELY see a physician.

**Other Health Warnings**

Material is corrosive. Not induce vomiting. Possible mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock and convulsions may be necessary.

**V. Fire Fighting Measures:**

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<b>Flash Point:</b>	NA	<b>Lower Explosive Limit:</b>	NA	<b>Upper Explosive Limit:</b>	NA
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**Fire Extinguishing Media:**

Not combustible.

**Special Fire Fighting Procedures:**

Material is corrosive!

**Unusual Fire and Explosion:**

Move containers out of fire zone. Cool containers with water spray. Remain upwind. Avoid breathing smoke.

**VI. Accidental Release Measures:**

**Steps to be Taken in Case Material is Released or Spilled:**

Use self-contained breathing apparatus or a full-facepiece airline respirator in the pressure demand mode with emergency escape provisions.

Material is CORROSIVE.

Wear full protective equipment: acid-resistant clothing, gloves and boots, chemical splash goggles and face shield (ANSI Z-87)

Evacuate the spill area immediately

Ventilate the area

Avoid all contact

Floor may be slippery, use care

Cover spills immediately with inert materials (e.g. sand)

Transfer liquids and solids to separate suitable containers for disposal

Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

**VII. Handling and Storage:**

**Precautions to be Taken:**

Material is CORROSIVE!

See Section VIII prior to handling.

Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling. Store in a cool, dry, well ventilated area. Keep container tightly closed. Do not breathe vapors, mist or gas.

Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

**Other Precautions:**

Avoid temperature extremes during storage.

**VIII. Exposure Controls/Personal Protection:**

**Ventilation Requirements:**

Local Exhaust: Provide mechanical (general) and/or local exhaust ventilation with a minimum capture velocity 150 ft/min at the point of mist evolution to control airborne levels below the exposure guidelines.

**Personal Protective Equipment:**

RESPIRATORY PROTECTION: When respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection, use a NIOSH approved respirator.

PROTECTIVE GLOVES: Neoprene gloves.



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EYE PROTECTION: Use chemical splash goggles and face shield..

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use chemically resistant apron or other impervious clothing. Where splashing is possible, full chemically resistant protective clothing (acid suit) and boots are required.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### IX. Physical and Chemical Properties:

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<b>Boiling Point:</b>	212 F	<b>Melting Point:</b>	32 F	<b>Evaporation Rate:</b>	NE
<b>Vapor Pressure (mm Hg.):</b>	17 @ 68 F	<b>Vapor Density (AIR = 1):</b>	NE		
<b>Solubility In Water:</b>	Dilutable				
<b>Appearance and Odor:</b>	Clear green liquid.				
<b>Other Information:</b>	VOLATILITY @75°F: Low		pH 1.0 - 2.0		
PERCENT VOLATILE BY VOLUME(%): 73.77					

### X. Stability and Reactivity:

**Stability:** This material is considered stable.  
However, avoid temperatures above 177C/350F, the onset of polymer decomposition.

**Incompatibility (Materials to Avoid):**

Water reactive materials, bases.

**Decomposition/By Products:**

Material will not decompose under normal conditions.

**Hazardous Polymerization:**

Will not occur

### XI. Toxicological Information:

None available.

### XII. Ecological Information:

None Available

### XIII. Disposal Considerations:

Waste must be disposed of in accordance with federal, state and local environmental regulations.  
Waste classification: D002

### XIV. Transport Information:

Not regulated by DOT

### XV. Regulatory Information:

TSCA Inventory Status: This product, or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

SARA 313 INFORMATION: This product does not contain substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

This material is regulated under CERCLA and SARA Title III Section 304. This material is or contains chemicals listed in 40CFR302.4 or or nondesignated RCRAICR substances.  
Aluminium sulfate RQ = 5000 lbs.

### XVI. Other Information:

In this document the following abbreviations were used:

NA: Not Applicable NE: Not Established