



**SAFETY DATA SHEET**

**Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Cement Decelerator

Product Code: 46-CA16-00

**WESTCOAT SPECIALTY COATING SYSTEMS**  
4007 Lockridge St  
San Diego, CA 92102

Information Telephone: 800-250-4519  
Emergency Telephone: 800-424-9300

**Section 2 - HAZARDS IDENTIFICATION**

**GHS Ratings:**

Eye corrosive

2A

Eye irritant: Subcategory 2A, Reversible in 21 days

**GHS Hazards**

H319

Causes serious eye irritation

**GHS Precautions**

P264

Wash ... thoroughly after handling

P280

Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P337+P313

If eye irritation persists, get medical advice/attention

**Signal Word: Warning**



**Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS number	Weight Concentration %
Citric acid	77-92-9	90.00% - 100.00%

**Section 4 - FIRST AID MEASURES**

**First aid measures for different exposure routes**

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

EYE CONTACT: Immediately flush eyes with plenty of water for least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cups full of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

#### Section 5 - FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, and Water Fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No unusual fire or explosion hazards noted. Keep containers tightly closed.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

#### Section 6 - ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

FOR NON-EMERGENCY PERSONNEL: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

FOR EMERGENCY RESPONDERS: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

#### Section 7 - HANDLING AND STORAGE

PRECAUTION FOR SAFE HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

CONDITIONS FOR SAFE STORAGE: Keep from freezing. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

#### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Citric acid 77-92-9	Not Established	Not Established	Not Established

### **Individual protection measures, such as personal protective equipment**

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

### **Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance :</b> Solid	<b>Odor :</b> Odourless
<b>Odor threshold :</b> N/A	<b>PH :</b> 1.8 (5% Solution)
<b>Melting point :</b> 153°C	<b>Boiling point :</b> N/A
<b>Flash Pt(F/C) :</b> N/A	<b>Evaporation rate :</b> N/A
<b>Flammability (solid, gas) :</b> N/A	<b>LEL/UEL :</b> N/A
<b>Vapor pressure :</b> N/A	<b>Vapor density :</b> N/A
<b>Relative density :</b> 1.67	<b>Water Solubility :</b> 61.8% (25°C )
<b>Partition coefficient:n- octanol/water :</b>	<b>Autoignition temp :</b> 345°C
<b>Decomposition temp :</b> N/A	<b>Viscosity :</b> N/A

### **Section 10 - STABILITY AND REACTIVITY**

**CONDITIONS TO AVOID:** Avoid contact with strong acid and strong bases.

**HAZARDOUS DECOMPOSITION:** By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalis.

### **Section 11 - TOXICOLOGICAL INFORMATION**

#### **Mixture Toxicity**

Oral Toxicity LD50: 3,000mg/kg

**Component Toxicity**

77-92-9 Citric acid  
Oral LD50: 3 g/kg (Rat)

**Effects of Overexposure**

EYE CONTACT: Causes eye irritation. Irritating, and may injure eye tissue if not removed promptly.

SKIN CONTACT: Substance may cause slight skin irritation. Low hazard for usual industrial handling or commercial handling by trained personnel.

INHALATION: Low hazard for usual industrial handling or commercial handling by trained personnel . High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

INGESTION: Substance may be harmful if swallowed.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact.

**Section 12 - ECOLOGICAL INFORMATION**

**Component Ecotoxicity**

Citric acid 96 Hr LC50 Lepomis macrochirus: 1516 mg/L [static]

**Section 13 - DISPOSAL CONSIDERATIONS**

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances . Do not allow to entering waterways, wastewater, soil, storm drains or sewer systems .

**Section 14 - TRANSPORT INFORMATION**

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Non-Regulated Material			

**Section 15 - REGULATORY INFORMATION**

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

**CERCLA-SARA Hazard Category:** This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

- None

**Sara Section 313:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

- None

**Section 16 - OTHER INFORMATION**

**Hazardous Material Information System (HMIS)**

<b>HEALTH</b>	<input type="text" value="1"/>	<b>HMIS &amp; NFPA Hazard Rating</b> <b>Legend</b> * = Chronic Health Hazard <b>0 = INSIGNIFICANT</b> <b>1 = SLIGHT</b> <b>2 = MODERATE</b> <b>3 = HIGH</b>
<b>FLAMMABILITY</b>	<input type="text" value="0"/>	
<b>PHYSICAL HAZARD</b>	<input type="text" value="0"/>	
<b>PERSONAL PROTECTION</b>	<input checked="" type="checkbox"/>	

Westcoat Specialty Coating Systems believes, to the best of its knowledge, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Westcoat Specialty Coating Systems makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

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