

## SUPER CRETE-X

### Product Description

**Super Crete-X** is designed to remove hardened concrete from ready mix trucks, scaffolding, forms and other areas where concrete tends to accumulate and harden. Contains corrosion inhibitors to protect ferrous metal from damage. This product will not harm painted surfaces. A strong but safe acidic cleaner designed to remove the hardened, tenacious concrete. **Super Crete-X** is non-corrosive to skin, ferrous and non-ferrous metals. Will not harm any of the components of ready mix trucks.

### Directions For Use

Use **Super Crete-X** as is or with up to 12 parts water. Spray or mop on to the areas where concrete has hardened. Allow to remain on these surfaces for a minimum of 15 minutes, or up to overnight for best results. Remove with a high pressure washer or garden hose fitted with a spray nozzle to develop some nozzle pressure.

**Dilutions:** Light Duty - 1:12 (10 ounces per gallon).  
Medium Duty - 1:6 (21 ounces per gallon).  
Heavy Duty - 1:3 (43 ounces per gallon).  
Severe Duty - Use as is.

Does not harm paint, steel, aluminum. Does not harm glass, rubber, plastic. Does not fume or smoke. Contains a wax to enhance paint gloss. Degreases drive ring area on Ready Mix trucks. Removes concrete upon contact. No waiting like with other Phosphoric acid products. Removes slag from heavy equipment.

### Cautions

**CAUTION:** Do not allow to freeze. Do not store at temperatures above 120° F. Keep this, and all chemical compounds out of the reach of children. As with all chemicals, avoid eye and skin contact. As with all chemicals, wear rubber gloves, eye and face protection, rubber apron & boots.

**EMERGENCY FIRST AID:** **EYES:** Rinse for 15 minutes with potable water, then seek immediate medical attention. **SKIN:** Rinse thoroughly with soap and water, and then seek immediate medical attention. **INGESTION:** Seek immediate medical attention. **INHALATION:** Remove victim to source of fresh air, seek immediate medical attention.

### Specifications

<i>Odor</i>	Pungent
<i>Appearance</i>	Dark Amber Liquid
<i>pH (1.0% solution)</i>	>1.0 (approx.)
<i>Specific Gravity</i>	(H <sup>2</sup> O=1) 1.170 ± 0.005
<i>Foaming</i>	N/A
<i>Flash Point</i>	None
<i>Solubility in Water</i>	Complete

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**MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

**SECTION 1: PRODUCT IDENTIFICATION**

<b>Distributor:</b> Progressive Systems Inc.	<b>Emergency Phone Number:</b> (302) 732-3321
<b>Address:</b> P.O. Box 35 - 25 Hickory Street Frankford, Delaware 19945	
<b>Trade Name:</b> Super Crete-X	<b>Product Type:</b> Acid Concrete Remover

**SECTION 2: HAZARDOUS INGREDIENTS**

CHEMICAL NAME / COMMON NAME	C.A.S. NUMBER	PERCENT (OPTIONAL)	TLV
Hydrochloric acid	7647-01-0	15.0 - 20.0	5 ppm (Air)
Phosphoric acid	7664-38-2	3.0 - 5.0	3 mg/m <sup>1</sup>

SARA HAZARD TITLE III, SECTION 323: Contains the starred (\*) ingredients at the indicated percentages.  
Other ingredients in this product are: ☒ Less than 1.0 % by weight or 0.1% for carcinogens ☒ Not Hazardous ☒ Declared to be Trade Secret

**SECTION 3: PHYSICAL DATA**

Boiling Point (° F): Near 212	Specific Gravity (H2O = 1): 1.170 ± 0.005	pH: 0.1 (approx.) 1.0% solution: >1.0
Vapor Pressure (mm Hg): Not determined	Vapor Density (air = 1): Not determined	
Solubility in water: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)		
Evaporation Rate (vs. Water): <input type="checkbox"/> Faster <input checked="" type="checkbox"/> Slower <input type="checkbox"/> About the same		
Appearance and Odor: Dark Amber Liquid. Pungent odor.		

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point (T.C.C.) ° F:</b> None	<b>Flammable Limits:</b> Upper - Not Established Lower - Not Established
<b>Extinguishing Media:</b> As appropriate for surrounding fire. CO <sup>2</sup> , Dry Chemical Foam, Water Spray. Water spray to cool drums and prevent rupture.	
<b>Special Firefighting Procedures:</b> Do not enter confined fire spaces without appropriate protective gear and self-contained air supply.	
<b>Unusual Fire or Explosion Hazards:</b> Could produce Hydrogen & chlorine gas.	

**SECTION 5: STABILITY AND REACTIVITY DATA**

<b>Stability:</b> Product is stable.	<b>Polymerization:</b> Will not occur
<b>Hazardous Decomposition Products:</b> Hydrogen & chlorine gas	<b>Incompatibility:</b> Strong oxidizers, alkalis

**SECTION 6: HEALTH HAZARDS**

<b>Primary Routes of Exposure:</b> <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other
<b>Signs and Symptoms of Over exposure (Acute):</b> <b>Eyes and skin:</b> Can cause severe irritation, even burns, depending on duration of exposure. <b>Ingestion:</b> Pain and inflammation of the mouth, pharynx, esophagus and stomach. Causes erosion of the mucous membranes, especially the stomach. Vomiting will usually occur. <b>Inhalation:</b> Do not concentrate and inhale vapors. None from vapors or mist with proper ventilation.
<b>Signs and symptoms of overexposure (Chronic):</b> None known <b>Medical Conditions Aggravated by Overexposure:</b> None known

**SECTION 7: EMERGENCY AND FIRST AID PROCEDURES**

<b>Eyes:</b> Flush immediately with water for at least 15 minutes. Call a physician.	<b>Skin:</b> Flush immediately with water for at least 15 minutes. Call a physician.
<b>Ingestion:</b> Immediately drink water or milk. Do not induce vomiting. If vomiting occurs, keep head below hips to avoid aspiration. Never give anything by mouth to an unconscious person. Seek immediate medical attention.	
<b>Inhalation:</b> Remove exposed person to fresh air. Treat symptomatically.	

**SECTION 8: SPECIAL PROTECTION INFORMATION**

<b>Respiratory Protection:</b> Not needed under normal conditions of use. <b>Eye Protection:</b> Goggles/Face Shield <b>Protective Gloves:</b> Chemical resistant gloves.
<b>Ventilation Requirements:</b> <input checked="" type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Room Ventilation is adequate.

**SECTION 9: SPILL OR LEAK PROCEDURES**

**Steps to be Taken if Released or Spilled:** Neutralize with mild base. For large spills, contain spill, neutralize with mild base, then pick up with mop, wet-vac, or absorbent. Wash residue to sewer. Surfactants are biodegradable. **Waste Disposal Method:** Dispose of in accordance with Federal, State and Local ordinances.

**SECTION 10: STORAGE AND HANDLING INFORMATION**

**Precautions to be Taken in Handling and Storage:** Do not get in eyes, on skin or clothing. Do not mix with other chemicals. Use with adequate ventilation. Wash thoroughly after handling. Avoid breathing mists or vapors. Keep container closed. Store in a cool, dry place away from strong oxidizers or alkalis.

The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product under normal condition of use.

Date Prepared: 2/11/2013

Supersedes: None

Code: Super Crete-X