

**US Concrete**  
**Material Safety Data Sheet**  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200.

**IDENTITY:** USCP HP Retarder

**SECTION I**

**Manufacturer:** US Concrete Products      **Emergency Number:** 1-800-424-9300 CHEMTREC  
**Address:** 16 Greenmeadow Drive #111      **Telephone Number:** (410) 561-8771  
Timonium, MD 21093      **Date Prepared:** 1/2005

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b>Hazardous Component</b>	<b>CAS #</b>	<b>OSHA PEL</b>	<b>Hazard Limits%</b>
Sodium Gluconate	497-19-8	N/E	N/E

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	1.1
<b>Vapor Pressure (mm Hg.):</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	100%	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	white/ yellow powder, no odor		

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** N/A      **Flammable Limits: LEL** N/A      **UEL** N/A

**Extinguishing Media:** Water Spry, CO<sup>2</sup>      **Special Fire Fighting Procedures:** N/A

**Unusual Fire and Explosion Hazards:** N/A

**SECTION V - REACTIVITY DATA**

**Stability:** Stable      **Conditions to Avoid:** None Known

**Incompatibility:** None

**Hazardous Decomposition or Byproducts:** None

**Hazardous Polymerization:** Will Not Occur      **Conditions to Avoid:** None known

**SECTION VI - HEALTH HAZARD DATA**

**Route(s) of Entry:**      **Inhalation?** Yes      **Skin?** No      **Ingestion?** Yes

**Health Hazards (Acute and Chronic):** none known

(OVER)

## **SECTION VI - HEALTH HAZARD DATA –continued**

**Carcinogenicity: NTP?** Not Listed

**IARC Monographs?** No

**OSHA Regulated?** Not Regulated

**Signs and Symptoms of Exposure:** Skin irritation or sensitivity

**Medical Conditions Generally Aggravated by Exposure:** None known.

**Emergency and First Aid Procedures:** If powder gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention.

## **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to Be Taken in Case Material Is Released or Spilled:** Scoop up to collection containers.

**Waste Disposal Method:** Mix with water.

**Precautions to Be Taken in Handling and Storing:** Keep containers closed. Protect from moisture.

**Other Precautions:** Avoid breathing dust.

## **SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** NIOSH approved organic respirator in confined areas.

**Ventilation:** Mechanical (General) Good general ventilation.

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Long sleeved shirts and pants.

**Work/Hygienic Practices:** Follow practices of good industrial hygiene.