


# SAFETY DATA SHEET

## COLD CHECK

### Section 1: PRODUCT AND COMPANY IDENTIFICATION

<b>1.1 Product Name:</b>	Cold Check
<b>Product Form:</b>	Mixture
<b>1.2 Product Use:</b>	Cement Accelerator
<b>1.3 Supplier/Manufacturer:</b>	Umaco, Inc. 60 Rear Newhall Street Lowell, MA 01852 Phone: 978-453-8881
<b>1.4 Emergency Number:</b>	CHEMTREC (800) 424-9300

### Section 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the Chemical:</b> <b>Hazard Class:</b> Serious Eye Irritation	2A
<b>2.2 Label Elements:</b> <b>Hazard Pictogram:</b>	
<b>Single Word:</b>	Warning
<b>Hazard Statement:</b>	Causes serious eye irritation.
<b>Prevention:</b>	Wash eyes and skin thoroughly after handling. Wear eye protection/face protection.
<b>Response:</b> If in Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention..
<b>Storage:</b>	N/A
<b>Disposal:</b>	N/A
<b>2.3 Additional Information:</b> <b>Hazards not otherwise classified:</b>	N/A

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures:			
Ingredient	CAS #	Wt.%	GHS-US Classification
Calcium Chloride	10043-52-4	30-60	N/A

The exact percentage (concentration) or chemicals has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

### Section 4: FIRST AID MEASURES

<b>4.1 Description of First Aid Measures:</b>	
<b>Eye:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
<b>Skin:</b>	In case of contact, immediately flush skin with plenty of water. Call a physician if irritation develops and persists.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.
<b>4.2 Most Important Symptoms &amp; Effects both Acute &amp; Delayed:</b>	
<b>Eye:</b>	Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
<b>Skin:</b>	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
<b>Inhalation:</b>	May cause respiratory tract irritation.
<b>Ingestion:</b>	May be harmful if swallowed.
<b>4.3 Indication of Any Immediate Medical Attention and Special Treatments Needed:</b>	
<b>Note to Physicians:</b>	Symptoms may not appear immediately.
<b>Specific Treatments:</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## Section 5: FIRE FIGHTING MEASURES

<b>5.1 Extinguishing Media:</b>	
<b>Suitable Extinguishing Media:</b>	Treat for surrounding material
<b>Unsuitable Extinguishing Media:</b>	N/A
<b>5.2 Special Hazards Arising From the Chemical:</b>	
<b>Products of Combustion:</b>	May include, and are not limited to: oxides of carbon
<b>5.3 Special Protective Equipment and Precautions for Fire Fighters:</b>	Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal Precautions, Protective Equipment and Emergency Procedures:</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid any contact with the skin and eyes.
<b>6.2 Methods and Materials for Containment/Cleanup:</b>	
<b>Methods for Containment:</b>	Contain spill, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
<b>Methods for Cleanup:</b>	Scoop up material and place in a disposal container.

## Section 7: HANDLING AND STORAGE

<b>7.1 Precautions for Safe Handling:</b>	
<b>Handling:</b>	Avoid contact with skin and eyes. Do not swallow. Avoid breathing vapor or mist. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking. (See section 8).
<b>General Hygiene Advice:</b>	Laundry contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.
<b>7.2 Conditions for Safe Storage, Including Any Incompatibilities: Storage:</b>	Keep out of the reach of children. Keep container tightly closed and in a well ventilated place (See section 10).

## Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>8.1 Control Parameters:</b>		
<b>Exposure Guidelines:</b>		
<b>Ingredient</b>	<b>OSHA-PEL</b>	<b>ACGIH-TLV</b>
Calcium Chloride	N/A	N/A
<b>8.2 Exposure Controls:</b>		
<b>Engineering Controls:</b>	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.	
<b>8.3 Individual Protective Measures:</b>		
<b>Personal Protective Equipment:</b>		
<b>Eye/Face Protection:</b>	Wear safety glasses or goggles to protect against splashes.	
<b>Hand Protection:</b>	Wear suitable waterproof gloves.	
<b>Body Protection:</b>	Wear suitable protective clothing.	
<b>Respiratory Protection :</b>	Wear suitable respiratory equipment.	
<b>General Hygiene Considerations:</b>	Handle according to established industrial hygiene and safety practices. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.	

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on Basic Physical and Chemical Properties:</b>	
<b>Appearance:</b>	Clear with Blue Tint
<b>Color:</b>	Blue Tint
<b>Odor:</b>	No distinct odor
<b>Odor Threshold:</b>	N/A
<b>Physical State:</b>	Liquid
<b>pH:</b>	3.8 - 9.0
<b>Viscosity:</b>	N/A
<b>Freezing Point:</b>	N/A
<b>Boiling Point:</b>	105 -125 °C (221-257 °F)
<b>Flash Point:</b>	N/A
<b>Evaporation Rate:</b>	N/A
<b>Lower Flammability Limit:</b>	N/A
<b>Vapor Pressure:</b>	N/A
<b>Vapor Density:</b>	N/A

<b>Relative Density:</b>	1.19 - 1.49 @ 27°C (80.6°F)
<b>Bulk Density:</b>	N/A
<b>Lower Explosion Limit:</b>	N/A
<b>Upper Explosion Limit:</b>	N/A
<b>Solubility in Water:</b>	Complete
<b>Coefficient of Water/Oil Distribution:</b>	N/A
<b>Auto-ignition Temperature:</b>	N/A
<b>Percent Volatile, wt. %:</b>	N/A
<b>VOC Content, wt. %:</b>	10g/L

### Section 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>10.2 Chemical Stability:</b>	Stable under normal conditions. Keep in dry storage.
<b>10.3 Possibility of Hazardous Reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>10.4 Conditions to Avoid:</b>	Incompatible materials.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing agents.
<b>10.6 Hazardous Decomposition Products:</b>	May include, and are not limited to; oxides of carbon.

### Section 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on Toxicological Effects</b>	
<b>Likely routes of exposure:</b>	Skin contact, eye contact, inhalation, and ingestion.
<b>Eye:</b>	Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
<b>Skin:</b>	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of skin.
<b>Ingestion:</b>	May be harmful if swallowed.
<b>Inhalation:</b>	May cause respiratory tract irritation.

<b>Ingredient</b>	<b>Acute Toxicity:</b>	
	<b>LC50</b>	<b>LD50</b>
Calcium Chloride	N/A	Oral 1000 mg/kg, rat Dermal 2630 mg/kg, rat

<b>Ingredients</b>	<b>Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*</b>
Calcium Chloride	Not listed

### 11.2 Delayed, Immediate and Chronic Effects of Short and Long Term Exposure:

<b>Skin Corrosion/Irritation:</b>	Based on available data, the classification criteria are not met.
<b>Serious Eye Damage/Irritation:</b>	Causes serious eye irritation.
<b>Respiratory Sensitization:</b>	Based on available data, the classification criteria are not met.
<b>Skin Sensitization:</b>	Based on available data, the classification criteria are not met.
<b>STOT-Single Exposure:</b>	Based on available data, the classification criteria are not met.
<b>Chronic Health Effects:</b>	
Carcinogenicity:	This product is not classified as a carcinogen
Germ Cell Mutagenicity:	This product is not classified as a mutagen.
<b>Reproductive Toxicity:</b>	
Developmental:	Based on available data, the classification criteria are not met.
Fertility:	Based on available data, the classification criteria are not met.
<b>STOT-Repeated Exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration Hazard:</b>	Based on available data, the classification criteria are not met.
<b>Toxicologically Synergistic Materials:</b>	N/A
<b>Other Information:</b>	N/A

## Section 12: ECOLOGICAL INFORMATION

<b>12.1 Ecotoxicity:</b>	
<b>Acute/Chronic Toxicity:</b>	No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems, and treatment plants is not considered environmentally harmful.
<b>12.2 Persistence and Degradability:</b>	N/A
<b>12.3 Bioaccumulative Potential</b>	
<b>Bioaccumulation:</b>	N/A
<b>12.4 Mobility in Soil:</b>	N/A
<b>12.5 Other Adverse Effects:</b>	N/A

### Section 13: DISPOSAL CONSIDERATION

<b>13.1 Waste Treatment Methods:</b>	
<b>Disposal Method:</b>	This material must be disposed of in accordance with local, state, provincial, and federal regulations.
<b>Other disposal recommendations:</b>	N/A

### Section 14: TRANSPORTATION INFORMATION

<b>14.1 UN Number:</b>	Not Regulated
<b>14.2 UN Proper Shipping Name:</b>	Not Applicable
<b>14.3 Transport Hazard Class (ES):</b>	Not Applicable
<b>14.4 Packing Group:</b>	Not Applicable
<b>14.5 Environmental Hazards:</b>	Not Applicable
<b>14.6: Transport in Bulk According to Annex II or Marpol 73/78 and the IBC Code:</b>	Not Applicable
<b>14.7 Special Precautions for User:</b>	Do not handle until all safety precautions have been read and understood

### Section 15: REGULATORY INFORMATION

**15.1 Safety, Health and Environmental Regulations/Legislations Specific for the Chemical:**

MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

<b>SARA Title III:</b>				
<b>Ingredient</b>	<b>Section 302</b>	<b>Section 304</b>	<b>CERCLA</b>	<b>Section 313</b>
Calcium Chloride	Not listed	Not listed	Not listed	Not listed

**STATE REGULATIONS:**

**California Prop. 65:** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

<b>Global Inventories:</b>	
<b>Ingredient</b>	<b>USA/TSCA</b>

**NFPA: National Fire Protection Association:**

Health: 1  
Fire: 0  
Reactivity: 0

<b>Hazard Rating:</b>				
0 = minimal	1 = slight	2 = moderate	3 = severe	4 = extreme

<b>Source Agency Carcinogen Classifications</b>	
<b>OSHA (O)</b>	<b>Occupational Safety and Health Administration.</b>
<b>ACGIH (G)</b>	<b>American Conference of Governmental Industrial Hygienists.</b> A1 - Confirmed human carcinogen. A2 - Suspected human carcinogen. A3 - Animal carcinogen. A4 - Not classifiable as a human carcinogen. A5 - Not suspected as a human carcinogen.
<b>IARC (I)</b>	<b>International Agency for Research on Cancer.</b> 1 - The agent (mixture) is carcinogenic to humans. 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals. 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals. 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans. 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
<b>NTP (N)</b>	<b>National Toxicology Program.</b> 1 - Known to be carcinogens. 2 - Reasonably anticipated to be carcinogens.

### Section 16: OTHER INFORMATION

<b>Date of Preparation:</b>	July 1, 2015
<b>Version:</b>	1.0
<b>Revision Date:</b>	July 1, 2015
<b>Disclaimer:</b>	We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.
<b>Prepared By:</b>	Umaco, Inc.
<b>Prepared For:</b>	Umaco, Inc.