

**QUIKRETE**<sup>®</sup>**CEMENT & CONCRETE PRODUCTS™**

## A4: Water Based Products

**SAFETY DATA SHEET**  
(Complies with OSHA 29 CFR 1910.1200)

### SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE<sup>®</sup> Companies  
One Securities Centre  
3490 Piedmont Road, Suite 1300  
Atlanta, GA 30305

Emergency Telephone Number  
(770) 216-9580  
Information Telephone Number  
(770) 216-9580

SDS A4  
Revision: May-15

**QUIKRETE<sup>®</sup> Product Name**  
THERMOLUBE

**Code #**  
1905-01, -05

**Product Use:** Cold-weather additive to accelerate concrete setting.

### SECTION II - HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Skin Irritation – Category 2  
Eye Irritation – Category 2B  
Acute Oral Toxicity – Category 4

#### 2.2a Signal word Warning

#### 2.2b Hazard Statements

Causes skin irritation  
Causes eye irritation  
Harmful if swallowed

#### 2.2c Pictograms



**QUIKRETE****CEMENT & CONCRETE PRODUCTS™****2.2d Precautionary statements**

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/eye protection/clothing.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

If on skin (or hair): Immediately take off all contaminated clothing and wash before reuse. Rinse skin or hair with water.

If in eyes: Rinse cautiously with water for several minutes; remove contact lenses if easy to do; continue rinsing.

If swallowed: Rinse mouth; do NOT induce vomiting.

**Immediately seek medical advice or attention if symptoms are significant or persist.**

Dispose of contents and container in accordance with all regulations.

**2.3 Additional Information**

**2.3A HNO3 – Hazards not otherwise classified:** Not applicable

**2.3B Unknown Acute Toxicity:** None

**2.3C WHMIS Classification**

D2B - Poisonous and infectious material - Other effects - Toxic

**2.3d Label Elements According To WHMIS****Hazard Symbols**

D2B - Toxic

**Signal Word**

Warning

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

<b><u>Hazardous Components</u></b>	<b><u>CAS No.</u></b>	<b><u>% by Weight</u></b>
Calcium Chloride	10043-52-4	20-40
Water	7732-18-5	60-80

\*The concentrations ranges are provided due to batch-to-batch variability.

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None of the constituents of this mixture is of unknown acute toxicity.

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## SECTION IV – FIRST AID MEASURES

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### 4.1 Description of the first-aid measures

**General information:**

**After skin contact:** Immediately take off all contaminated clothing and wash before reuse. Rinse skin or hair with water.

**After eye contact:** Rinse cautiously with water for several minutes; remove contact lenses if easy to do; continue rinsing.

**After swallowing:** Rinse mouth; do NOT induce vomiting. Never give anything by mouth to an unconscious person.

### 4.2 Most important symptoms/effects, acute and delayed

**Inhalation:** No symptoms expected.

**Skin contact:** Causes skin irritation.

**Eye Contact:** Causes eye irritation.

**Ingestion:** May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

### 4.3 Indication of immediate medical attention and special treatment needed:

Immediately seek medical advice or attention if symptoms are significant or persist.

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## SECTION V - FIRE FIGHTING MEASURES

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**5.1 Flammability of the Product:** Non-flammable and non-combustible

**5.2 Suitable extinguishing agents:** Treat for surrounding material

**5.3 Special hazards arising from the substance or mixture:** None

**5.3a Products of Combustion:** None

**5.3b Explosion Hazards in Presence of Various Substances:** Non-explosive in presence of shocks

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## SECTION VI – ACCIDENTAL RELEASE MEASURES

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**6.1 Personal precautions, protective equipment and emergency procedures:** Wear personal protective equipment (See section VIII). Keep unprotected persons away.

### 6.2 Methods and material for containment and cleaning up:

Do not allow to enter sewers/ surface or ground water. Dispose of unwanted materials and containers properly in accordance with all regulations.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE**

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**7.1 Handling**

**Precautions for safe handling:** Ensure good ventilation/exhaustion at the workplace. Wear appropriate PPE (See section 8). Do not mix with other chemical products, except as indicated by the manufacturer. Do not get in eyes, on skin or clothing. Good housekeeping is important to prevent accumulation of dust.

**7.2 Storage**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep out of the reach of children.

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**SECTION VIII – EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION**

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**8.1 Components with limit values that require monitoring at the workplace:**

Hazardous Components	CAS No.	PEL (OSHA) mg/M <sup>3</sup>	TLV (ACGIH) mg/M <sup>3</sup>
None			

**8.2 Exposure Controls**

Use ventilation adequate to keep exposures below recommended exposure limits.

**8.3 General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**8.3a Personal protective equipment****Protection of hands:**

Wear gloves of adequate length to offer appropriate skin protection from splashes. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact.

**Eye protection:**

Wear approved eye protection properly fitted splash-proof chemical safety glasses.

**Respiratory protection:**



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Not required during normal conditions of use.

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## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

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### General Information

<b>Appearance</b>	Form: Liquid Color: Varies Odor: None
<b>pH-value at 20°C (68 °F):</b>	Not available
<b>Boiling point/Boiling range:</b>	212°F (water)
<b>Flash point:</b>	Not applicable
<b>Auto igniting:</b>	Product is not self-igniting
<b>Vapor pressure at 21°C (70°F)</b>	Not available
<b>Specific Gravity:</b>	1.22 – 1.24 @ 72°F
<b>Solubility in / Miscibility with Water:</b>	Soluble
<b>VOC content:</b>	0 g/L VOC

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## SECTION X – STABILITY AND REACTIVITY

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### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal storage conditions. Keep in dry storage.

### 10.3 Possibility of hazardous reaction

No dangerous reaction known under conditions of normal use.

### 10.4 Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

### 10.5 Incompatible materials

None known

### 10.6 Hazardous Decomposition or By-products

None known

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## SECTION XI – TOXICOLOGICAL INFORMATION

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**11.1 Exposure Routes:** Skin contact, skin adsorption, eye contact, or ingestion.

**11.2 Symptoms related to physical/chemical/toxicological characteristics:**

**Skin contact:** Causes skin irritation.

**CEMENT & CONCRETE PRODUCTS™****Eye Contact:** Causes eye irritation.**Ingestion:** Harmful if swallowed.**11.3 Delayed, immediate and chronic effects of short-term and long-term exposure****Short Term**

Skin Corrosion/Irritation: Not available

Serious Eye Damage/Irritation: Causes eye irritation

Respiratory Sensitization: Not available

Skin Sensitization: Not available

Specific Target Organ Toxicity-Single Exposure: (Category 3) May cause respiratory irritation.

Aspiration Hazard: Not available

**Long Term**

Carcinogenicity: Not available

Germ Cell Mutagenicity: Not available

Reproductive Toxicity: Not available

Specific Target Organ Toxicity- Repeated Exposure: Not available

Synergistic/Antagonistic Effects: Not available.

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**SECTION XII – ECOLOGICAL INFORMATION**

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**12.1 Ecotoxicity**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or un-neutralized

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential:**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Other Adverse Effects**

No further relevant information available.

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**SECTION XIII – DISPOSAL CONSIDERATIONS**

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**13.1 Waste Disposal Method**



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The packaging and material may be land filled; however, material should be covered to minimize generation of airborne dust. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302). Disposal must be made in accordance with local, state and federal regulations.

### 13.2 Other disposal considerations

#### Uncleaned packaging

**Recommendation:** Disposal must be made in accordance with local, state and federal regulations.

**Recommended cleansing agent:** Water, if necessary with cleansing agents.

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### SECTION XIV – TRANSPORT INFORMATION

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	<b>DOT (U.S.)</b>	<b>TDG (Canada)</b>
<b>UN-Number</b>	Not Regulated	Not Regulated
<b>UN proper shipping name</b>	Not Regulated	Not Regulated
<b>Transport Hazard Class(es)</b>	Not Regulated	Not Regulated
<b>Packing Group (if applicable)</b>	Not Regulated	Not Regulated

### 14.1 Environmental hazards:

Not Available

### 14.2 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code

Not available

### 14.3 Special precautions for user

Do not handle until all safety precautions have been read and understood.

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### SECTION XV – OTHER REGULATORY INFORMATION

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### 15.1 Safety, Health and Environmental Regulations/Legislations specific for the chemical

#### Canada

**WHMIS Classification:** Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

### 15.2 US Federal Information

#### SARA 302/311/312/313 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, 311, 312 or 313.

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**RCRA:** Not classified

**CERCLA:** Not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR §302.

**Emergency Planning and Community Right to Know Act (SARA Title III):** Not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.

**NTP:** Not classified

**OSHA Carcinogen:** Not listed.

### 15.3 State Right to Know Laws

#### California Prop. 65 Components

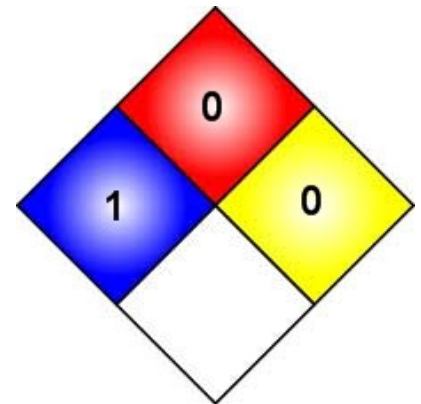
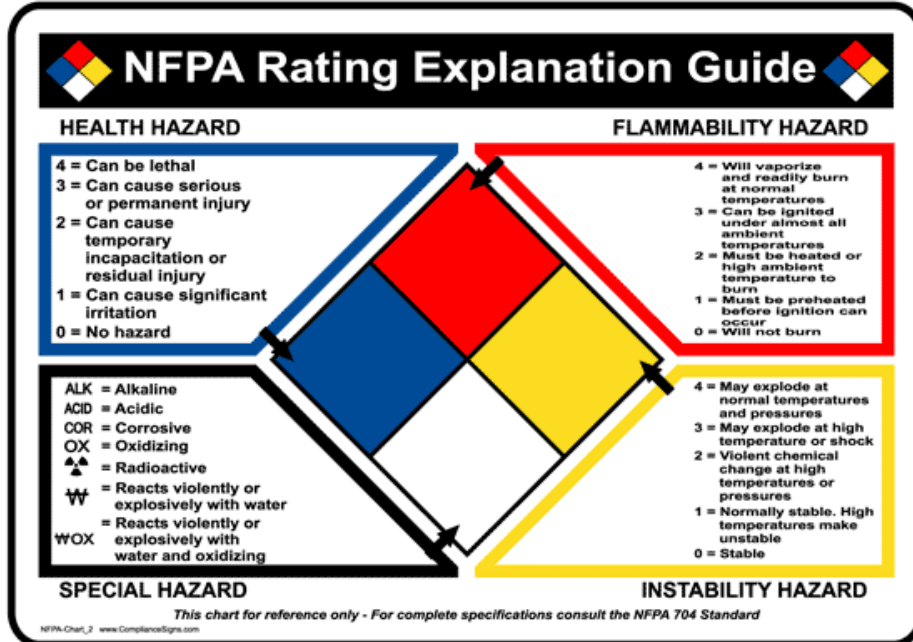
**WARNING:** This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### 15.4 Global Inventories

**DSL** All components of this product are on the Canadian DSL list.

**TSCA No.:** All constituents are listed in the TSCA inventory.

### 15.5 NFPA Ratings







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**SECTION XVI – OTHER INFORMATION**

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**Last Updated: May 27, 2015**

**NOTE:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

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**End of SDS**