

QUIKRETE

CEMENT & CONCRETE PRODUCTS™

G1: Ice Melting Products

SAFETY DATA SHEET
 (Complies with OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® 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 G1
 Revision: May-15

QUIKRETE® Product Name

Rock Salt
 Halite Salt

Code #

9002
 9002-20, -21, -22

Product Use: Melting ice on roadways

SECTION II - HAZARD IDENTIFICATION

Hazard-determining components of labeling: Sodium Chloride

2.1 Classification of the substance or mixture

Skin Irritation – Category 2
 Eye Irritation – Category 2B

2.2a Signal word Warning**2.2b Hazard Statements**

Causes skin irritation
 Causes eye irritation

2.2c Pictograms



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2.2d Precautionary statements

Do not handle until all safety precautions have been read and understood.
Wear impervious gloves, such as nitrile. Wear eye protection, and protective 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 inhaled: Remove person to fresh air and keep comfortable for breathing.

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 HNOC – Hazards not otherwise classified: Not applicable

2.3b Unknown Acute Toxicity: None

2.3C WHMIS Classification

Does not meet classification criteria.

2.3d Label Elements According To WHMIS

Hazard Symbols

None

Signal Word

None

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>% by Weight</u>
Sodium Chloride	7647-15-5	100

SECTION IV – FIRST AID MEASURES

4.1 Description of the first-aid measures

General information:

After inhalation: Remove person to fresh air and keep comfortable for breathing.

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

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

After swallowing: If swallowed: 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: May cause respiratory tract irritation.

Eye Contact: May cause eye irritation

Ingestion: Harmful if large amounts are ingested. Ingestion of 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.

SECTION V - FIRE FIGHTING MEASURES

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

SECTION VI – ACCIDENTAL RELEASE MEASURES

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.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

7.1 Handling

Precautions for safe handling: 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



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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. Keep container tightly closed and prevent exposure to humidity. Do not allow water to contact the product until time of use to preserve product utility.

SECTION VIII – EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION

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

Hazardous Components	CAS No.	PEL (OSHA) mg/M ³	TLV (ACGIH) mg/M ³
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 incidental contact. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact.

Eye protection:

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

Respiratory protection:

No respiratory protection required under normal conditions of use.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

General Information

Appearance	Form: Granular Solid Color: White to Yellow Odor: None
pH-value at 20°C (68 °F):	7 (10%)
Boiling point/Boiling range:	Not applicable



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Flash point: Not applicable
Auto igniting: Product is not self-igniting
Vapor pressure at 21°C (70°F) Not available
Density at 25°C (77 °F): 1.98 – 2.00

Solubility in / Miscibility with

Water: Soluble
VOC content: 0 g/L VOC

SECTION X – STABILITY AND REACTIVITY

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

Bromine trifluoride, lithium

10.6 Hazardous Decomposition or By-products

SECTION XI – TOXICOLOGICAL INFORMATION

11.1 Exposure Routes: Ingestion.

11.2 Symptoms related to physical/chemical/toxicological characteristics:

Ingestion: Harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

11.3 Delayed, immediate and chronic effects of short-term and long-term exposure

Short Term

LD50 3000 mg/kg (oral, rats)

Skin Corrosion/Irritation: Not applicable

Serious Eye Damage/Irritation: Not applicable

Respiratory Sensitization: Not applicable

Skin Sensitization: Not applicable

Specific Target Organ Toxicity-Single Exposure: Not applicable

Aspiration Hazard: Not Applicable

Ingestion: Diarrhea, abdominal cramps, vomiting, impaired kidney function

Long Term


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Carcinogenicity: Not applicable
 Germ Cell Mutagenicity: Not applicable
 Reproductive Toxicity: Not applicable
 Specific Target Organ Toxicity- Repeated Exposure: Not applicable
 Synergistic/Antagonistic Effects: Not applicable

SECTION XII – ECOLOGICAL INFORMATION

12.1 Ecotoxicity

This material is not expected to be harmful to the ecology.

12.2 Persistence and degradability

Dissolved into water

12.3 Bioaccumulative potential:

Not expected to occur

12.4 Mobility in soil

This material is expected to have very high mobility in soil. It does not absorb to most soil types.

12.5 Other Adverse Effects

No further relevant information available.

SECTION XIII – DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Method

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.

SECTION XIV – TRANSPORT INFORMATION

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

**CEMENT & CONCRETE PRODUCTS™****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.

SECTION XV – OTHER REGULATORY INFORMATION

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

WHMIS Classification: Considered to be a non-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.

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.

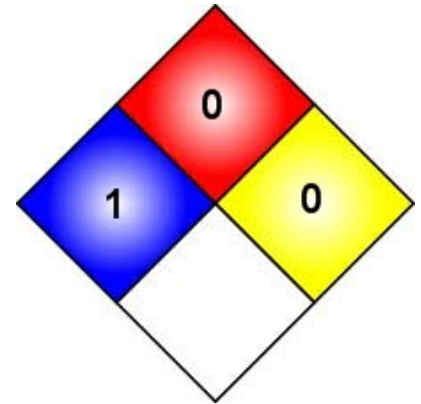
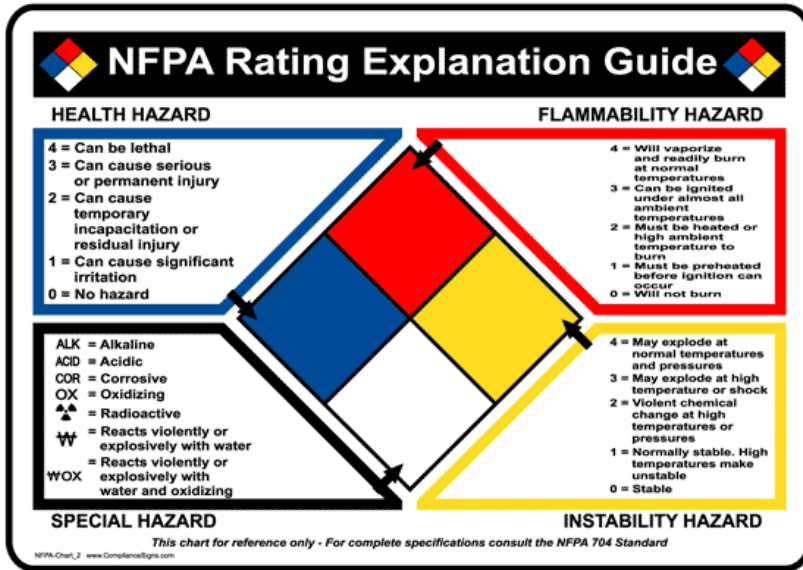
15.4 Global Inventories

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

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