Rock Salt

MATERIAL 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 30329

Emergency Telephone Number
(770) 216-9580

Information Telephone Number
(770) 216-9580

MSDS V1
Revision: Feb-10

QUIKRETE® Product Name  Code #
ROCK SALT  9002

PRODUCT USE: MELTING ICE

SECTION II - HAZARD IDENTIFICATION

Route(s) of Entry: Inhalation, Ingestion

Acute Exposure: Inhalation of dust may cause mild irritation to mucous membranes, nose and throat. Symptoms may include coughing, dryness and sore throat. Ingestion of very large doses can cause vomiting, diarrhea and prostration. Dehydration and congestion may occur in internal organs. Hypertonic salt solutions can produce inflammatory reactions in the gastrointestinal tract.

Chronic Exposure: None known

Carcinogenicity: Non-carcinogenic

Signs and Symptoms of Exposure: None known

Medical Conditions Generally Aggravated by Exposure: None known

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS No.</th>
<th>PEL (OSHA) mg/M³</th>
<th>TLV (ACGIH) mg/M³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>7647-14-5</td>
<td>non-hazardous</td>
<td></td>
</tr>
</tbody>
</table>

SECTION IV – First Aid Measures

Eyes: Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Call physician immediately.
Skin: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists. Seek immediate medical treatment in the event of burns.

Inhalation: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical help if coughing and other symptoms do not subside.

Ingestion: If large amounts were swallowed, get medical advice.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flammability: Noncombustible and not explosive.
Auto-ignition Temperature: Not Applicable
Flash Points: Not Applicable

SECTION VI – ACCIDENTAL RELEASE MEASURES

If spilled, use dustless methods (vacuum) and place into covered container for disposal (if not contaminated or wet) or re-use.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

DO NOT BREATHE DUST. In dusty environments, the use of an OSHA, MSHA or NIOSH approved respirator and tight fitting goggles is recommended.

SECTION VIII – EXPOSURE CONTROL MEASURES

Engineering Controls: Local exhaust can be used, if necessary, to control airborne dust levels.

Personal Protection: The use of barrier creams or impervious gloves, boots and clothing to protect the skin from contact is recommended. Following work, workers should shower with soap and water. Precautions must be observed because burns occur with little warning -- little heat is sensed.

WARN EMPLOYEES AND/OR CUSTOMERS OF THE HAZARDS AND REQUIRED OSHA PRECAUTIONS ASSOCIATED WITH THE USE OF THIS PRODUCT.

Exposure Limits: Consult local authorities for acceptable exposure limits

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor: White to off-white - No odor
Solubility in water: 36 gm/ 100 cc at 20°C
Specific Gravity: 2.165
Boiling Point: 1413°C
pH: ~ 7
SECTION X - REACTIVITY DATA

Stability: Stable.
Incompatibility (Materials to Avoid): Will react with strong acids to release HCl and strong oxidizing agents to release Cl₂.
Hazardous Decomposition or By-products: Will release toxic fumes of Cl₂ and Na₂O.
Hazardous Polymerization: Will Not Occur.
Condition to Avoid: Keep dry until used to preserve product utility.

SECTION XI – TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion
Toxicity to Animals:
  Oral Toxicity: Oral rat LD50: 3000 mg/kg (RTECS,1986)
  Dermal Toxicity: Skin irritation rabbit: 500 mg/24 hr. Mild (RTECS,1986)
  Eye: Eye irritation rabbit: 100 mg/24 hr. Moderate (RTECS,1986)
Chronic Effects on Humans: Not Available
Special Remarks on Toxicity: Not Available

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity: Not Available
BOD5 and COD: Not Available
Products of Biodegradation: Not available
Toxicity of the Products of Biodegradation: Not available
Special Remarks on the Products of Biodegradation: Not available

SECTION XIII – DISPOSAL CONSIDERATIONS

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).

SECTION XIV – TRANSPORT INFORMATION

DOT/UN Shipping Name: Non-regulated
DOT Hazard Class: Non-regulated
Shipping Name: Non-regulated
Non-Hazardous under U.S. DOT and TDG Regulations

SECTION XV – OTHER REGULATORY INFORMATION

US OSHA 29CFR 1910.1200: Considered hazardous under this regulation and should be included in the employers hazard communication program
SARA (Title III) Sections 311 & 312: Not subject to reporting requirements
SARA (Title III) Section 313: Not subject to reporting requirements
TSCA (May 1997): All components are on the TSCA inventory list
Federal Hazardous Substances Act: Is a hazardous substance subject to statues promulgated under the subject act
Canadian Environmental Protection Act: Not listed
Canadian WHMIS: 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 product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

SECTION XVI – OTHER INFORMATION

HMIS-III:  
Health –  
0 = No significant health risk  
1 = Irritation or minor reversible injury possible  
2 = Temporary or minor injury possible  
3 = Major injury possible unless prompt action is taken  
4 = Life threatening, major or permanent damage possible

Flammability -  
0 = Material will not burn  
1 = Material must be preheated before ignition will occur  
2 = Material must be exposed to high temperatures before ignition  
3 = Material capable of ignition under normal temperatures  
4 = Flammable gases or very volatile liquids; may ignite spontaneously

Physical Hazard -  
0 = Material is normally stable, even under fire conditions  
1 = Material normally stable but may become unstable at high temps  
2 = Materials that are unstable and may undergo react at room temp  
3 = Materials that may form explosive mixtures with water  
4 = Materials that are readily capable of explosive water reaction

Abbreviations:

ACGIH  American Conference of Government Industrial Hygienists
CAS  Chemical Abstract Service
CERCLA  Comprehensive Environmental Response, Compensation & Liability Act
CFR  Code of Federal Regulations
CPR  Controlled Products Regulations (Canada)
DOT  Department of Transportation
IARC  International Agency for Research
MSHA  Mine Safety and Health Administration
NIOSH  National Institute for Occupational Safety and Health
NTP  National Toxicity Program
OSHA  Occupational Safety and Health Administration
PEL  Permissible Exposure Limit
RCRA  Resource Conservation and Recovery Act
SARA  Superfund Amendments and Reauthorization Act
TLV  Threshold Limit Value
TWA  Time-weighted Average
WHMIS  Workplace Hazardous Material Information System

Revision #07-01, supersedes all previous revisions
Created: 11/29/2006
Last Updated: February 23, 2010

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.