

Material Safety Data Sheet

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| TRADE NAME (COMMON NAME): | | CAS NUMBER: | |
| Premium Ice Melt | | Mixture | |
| CHEMICAL NAME AND/OR SYNONYM: | | | |
| <i>Calcium Chloride and Salt</i> | | | |
| FORMULA: | | MOLECULAR WEIGHT: | |
| CaCl ₂ + NaCl | | NA | |
| MANUFACTURER/ADDRESS: | | | |
| Benick Brands | | | |
| 2377 Main Street | | | |
| Glastonbury, CT 06033 | | | |
| CONTACT: | PHONE NUMBER: | LAST ISSUE DATE: | CURRENT ISSUE DATE: |
| Manager, Product Safety | | Not applicable | September, 2001 |

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|--------------------|---|--------------------------------|
| | | EMERGENCY PHONE NUMBER: |
| EYES: | Flush promptly with plenty of water, continuing for at least 15 minutes. Get medical attention. | |
| SKIN: | Wash with plenty of water. | |
| INHALATION: | Remove to fresh air. | |
| INGESTION: | If conscious, immediately give 2 to 4 glasses of water, and induce vomiting by touching finger to back of throat. Get medical attention for irritation, ingestion, or discomfort from inhalation. | |

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| INHALATION: |
| Dust or mist inhalation may irritate nose, throat, and lungs. |
| INGESTION: |
| Low in toxicity. May irritate gastrointestinal tract. |
| SKIN: |
| May cause skin irritation. Under conditions of prolonged contact or when moisture is present, superficial burns may result. Contact with abraded skin or cuts can cause severe skin damage. |

EYES:

May irritate or burn eyes.

PERMISSIBLE CONCENTRATION: AIR

(SEE SECTION J)

No exposure values (TLV) established by ACGIH.

UNUSUAL CHRONIC TOXICITY:

None.

BIOLOGICAL

None

FLASH POINT:

Not flammable

OPEN CUP CLOSED CUP

AUTO IGNITION

TEMPERATURE

NA

FLAMMABLE LIMITS IN AIR (% BY VOL.)

LOWER - NA UPPER - NA

UNUSUAL FIRE AND EXPLOSION HAZARDS

None.

FIRE EXTINGUISHING AGENTS RECOMMENDED:

Use any standard agent suitable for surrounding fire.

FIRE EXTINGUISHING AGENTS TO AVOID:

NA

SPECIAL FIREFIGHTING PRECAUTIONS:

None.

VENTILATION:

Local exhaust: In packaging and unloading areas, over open processing equipment, and any other places where dusty or misty condition prevails.

Natural ventilation: Adequate for other areas.

NORMAL HANDLING:

Avoid contact with eyes, skin or clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.

STORAGE:

Store in a cool, dry area. Prolonged storage may cause product to cake and become wet from atmospheric moisture.

SPILL OR LEAK (ALWAYS WEAR PERSONAL PROTECTIVE EQUIPMENT – SECTION E)

Shovel up dry chemical and place in metal drum with a cover. Cautiously spray residue with plenty of water.

SPECIAL: PRECAUTIONS/PROCEDURES/LABEL INSTRUCTIONS:

SIGNAL WORD

CAUTION!

RESPIRATORY PROTECTION:

For dusty conditions, wear NIOSH-approved dust respirator.

EYES AND FACE:

For dusty conditions, or when handling solution where there is reasonable probability of eye contact, wear chemical safety goggles. Under these conditions, do not wear contact lenses.

HANDS, ARMS, AND BODY:

As a minimum, wear long-sleeve shirt and trousers, boots, and gloves for routine product use.

Cotton gloves permitted for dry product, impervious gloves when using solutions.

OTHER CLOTHING AND EQUIPMENT:

Eye-wash facility.

MATERIAL IS AT NORMAL CONDITIONS:

APPEARANCE AND COLOR:

LIQUID SOLID GAS

Small white flakes; odorless.

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| BOILING POINT: Unknown °C | SPECIFIC GRAVITY: (H ₂ O = 1) 0.8 (Approximate) | VAPOR DENSITY: (AIR = 1) NA |
| MELTING POINT: 176 °C | pH: Neutral or slightly alkaline | VAPOR PRESSURE: (mm Hg @ 20°C) (PSIG) NA |
| SOLUBILITY IN WATER: (% BY WEIGHT) 42 @ 20°C (Approximate) | % VOLATILES BY VOLUME: (AT 20°C) NA | |
| EVAPORATION RATE: (Butyl acetate=1) (Ether = 1.0) NA | | |

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| STABILITY: UNSTABLE STABLE | CONDITIONS TO AVOID: NA |
| INCOMPATIBILITY (MATERIALS TO AVOID): Sulfuric acid: yields hydrogen chloride gas, which is corrosive, irritating, and reactive. Water-reactive materials, such as sodium: cause an exothermic reaction. Methyl vinyl ether: starts runaway polymerization reaction. Zinc as in galvanized iron: yields hydrogen gas with solutions, which may explode under these conditions. | |
| HAZARDOUS DECOMPOSITION PRODUCTS: None. | |
| HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR | CONDITIONS TO AVOID: NA |

| MATERIAL OR COMPONENT/C.A.S. # | WT. % | HAZARD DATA (See Sect. J) |
|--------------------------------|-------|---------------------------|
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Calcium chloride / 10043-52-4

Proprietary

LD50 (oral-rat): 1 g/kg

Sodium chloride / 7647-14-5

Proprietary

LD50 (oral-rat): 3 g/kg

DEGRADABILITY/AQUATIC TOXICITY:

OCTANOL/WATER PARTITION COEFFICIENT

NA

Aquatic Toxicity: TLm96: over 1000 ppm (anhydrous) for Calcium chloride.

EPA HAZARDOUS SUBSTANCE?

40 CFR

(CLEAN WATER ACT SECT. 311) YES NO IF SO, REPORTABLE QUANTITY:

116-117

WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS):

Treatment or disposal of waste generated by use of this product should be reviewed in terms of applicable federal, state

and local laws and regulations. Users are advised to consult with appropriate regulatory agencies before discharge, treatment or disposal.

**RCRA STATUS OF UNUSED MATERIAL IF
DISCARDERD:**

**HAZARDOUS WASTE NUMBER: (IF
APPLICABLE)**

40 CFR

Not a "hazardous waster".

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261

PERMISSIBLE CONCENTRATIONS REFERENCES:

None.

REGULATORY STANDARDS

DOT CLASSIFICATION:

49 CFR

Not regulated

None.

GENERAL: