

MATERIAL SAFETY DATA SHEET

SECTION I: MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: **Magic Salt, Treated Salt, Pre-wetted Salt**

CLASSIFICATION WHMIS: not controlled

PACKING GROUP: Not Established

PRIMARY TDG: Not regulated

NAME AND ADDRESS

Chemical Solutions, Inc., 1000 Franklin Village Dr., P. O. Box 675, Franklin, MA 02038-0675

EMERG. PHONE: (800) 424-9300

CHEMICAL NAME: Sodium Chloride, Magnesium Chloride, Distilled Solubles

CHEMICAL FAMILY: Halite

CHEMICAL FORMULA: NaCl 92% + MgCl₂ 15% + Brewers Condensed Solids

TRADE NAME & SYNONYMS: Magic Salt

MOLECULAR WEIGHT: 58.5

MATERIAL USE: De-icing

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Nonhazardous Chemical

CONCENTRATION%: N/A CAS#: 7647-14-5

PIN#: N/A

LD50: N/A

LC50: N/A

SECTION III: PHYSICAL DATA

PHYSICAL STATE: solid

ODOR & APPEARANCE: brownish green granular material with beer like odor

ODOR THRESHOLD (PPM): *Not Established*

SPECIFIC GRAVITY: 2.2

VAPOR PRESSURE (MM): 2.4

VAPOR DENSITY (AIR=1): *Not Established*

FREEZING POINT (°C): *Not Established*

SOLUBILITY IN WATER (20°C): Soluble in water

% VOLATILE by VOLUME: *Not Established* pH: Not Established

COEFFICIENT OF WATER: Not applicacable

SECTION IV: FIRE & EXPLOSION HAZARD

FLAMMABILITY: none

IF YES UNDER WHAT CONDITION?

MEANS OF EXTINGUISHING: Not Applicable

SPECIAL PROCEDURES: *Not Applicable*

FLASH POINT (°C) & METHOD: Not Established

UPPER EXPLOSION LIMIT (% BY VOLUME): Not Applicable

LOWER EXPLOSION LIMIT (% BY VOLUME): Not Applicable

AUTO IGNITION TEMPERATURE (°C): Not Applicable

SENSITIVITY TO MECHANICAL IMPAC: None

SENSITIVITY TO STATIC DISCHARGE: None

SECTION V: REACTIVITY DATA

CHEMICAL STABILITY: Stable

IF NO UNDER WHAT CONDITIONS? Not Applicable

INCOMPATIBILITY TO OTHER SUBSTANCES: Yes

IF SO, WHICH ONES: Concentrated acids, sulfuric or nitric

REACTIVITY UNDER WHAT CONDITIONS?: Not Applicable

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrochloric acid

SECTION VI: HEALTH HAZARDS

ROUTE OF ENTRY: Skin contact and Ingestion

EFFECT OF ACUTE EXPOSURE TO MATERIAL:

Mildly toxic by ingestion, may cause slight irritation to eyes or skin, ingestion of large amount may cause vomiting

EFFECT OF CHRONIC EXPOSURE TO MATERIAL: *Not Established*

EXPOSURE LIMITS: Not Established

SYNERGISTIC MATERIALS: Not Established

IRRITANCY OF MATERIAL: *Not Established*

SENSITIVITY OF MATERIAL: does not occur

SECTION VI: HEALTH HAZARDS

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: Not Established

SECTION VII: PREVENTATIVES MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: rubber glove and boots

EYE: Safety goggles

RESPIRATORY: Wear NIOSH approved dust respirator

OTHER: none

ENGINEERING CONTROL VENTILATION, SPECIFY: None

LEAK AND SPILL PROCEDURE:

Shovel up dry chemical and place in metal or plastic drum with cover.

WASTE DISPOSAL:

Dispose of material in government approved landfill site in accordance with local laws

HANDLING PROCEDURES & EQUIPMENTS:

Wash skin and equipment with water

STORAGE REQUIREMENTS: Store in cool dry area.

SPECIAL SHIPPING INFORMATION:

No special shipping procedures necessary

SECTION VIII: FIRST AID MEASURES/PREMIERS SOINS

INHALATION: Remove victim to fresh air

INGESTION: Give 2-4 glasses of water, induce vomiting. Seek medical attention immediately

EYE CONTACT: Immediately flush eyes with water for 15 minutes, seek medical attention

SKIN CONTACT: Remove from skin by wiping and washing thoroughly with water

SECTION IX: PREPARATION DATE OF MSDS

PREPARED BY
Meltsnow.com

TELEPHONE
508-520-3900

PREP DATE
December 2004

SUPERSEDES
None

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