



Material Safety Data Sheet

Section 01: Product & Company Identification

Product Name: 35% CALCIUM CHLORIDE BRINE

Manufacturer: Innovative Group of Companies **Effective date:** November, 2009

78 Orchard Road,

Ajax, Ontario,

LIS 6L1,

Canada.

Emergency Phone Number:

613-996-6666

24 Hours/Day: 7 Days/Week

For More Information Call:

1-800-387-5777

905-427-0318

Trade Name: Liquid Calcium Chloride

Material Uses: Dust Control, De-icing

WHMIS Classification: Not Controlled

Chemical Family: Inorganic Salt Solution

Section 2: Composition and Information on Ingredients

Components	CAS #	% by Weight
Calcium Chloride	10043-52-4	35.0%

Section 3: Physical Data

Physical state: Liquid

Odor / Appearance: Odorless / Clear & Bright

Odor Threshold: n/a

Specific Gravity: 1.357 gm / ml

pH: 8.0 to 10.0

Vapor Pressure: n/a

Solubility in Water: Soluble in water

% Volatile: n/a

Coefficient of water / oil Distribution: n/a

Vapor Density: n/a

Section 4:	Fire & Explosion Hazard
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Flammability:	No
If yes under what Conditions:	n/a
Means of Extinguishing:	n/a
Special Procedure:	None, Product can be used to extinguish fire
Flash Point:	n/a
Upper Explosion Limit:	n/a
Lower Explosion Limit:	n/a
Auto Ignition temperature:	n/a
Sensitivity to Mechanical Impact:	n/a
Sensitivity to S6tatic Discharge:	n/a

Section 5:	Reactivity Data
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Chemical Stability:	Yes
If No Under What Conditions:	n/a
Incompatibility o other Substances:	Yes
If So, Which ones:	Corrosive to some metals such as brass, mild steel, aluminum or Ferrous metals
Reactivity under What Conditions:	n/a.
Hazardous Decomposition Products:	Chlorine Fumes are given off @ temperature >1600C

Section 6:	Health Hazards
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Rout of Entry:	Inhalation & ingestion
Effect of Acute exposure to material:	Very low toxicity value may cause irritation to eyes or skin
Effect of Chronic exposure to material:	Unknown
Exposure limit:	Unknown
Synergetic Material:	None
Irritancy of Material:	Minor Irritant
Sensitivity of Material:	Does Not Occur
Carcinogenic, Reproductive Effect:	None

Section 7:	First AID Measures
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Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately
Skin Contact:	Remove from skin by wiping and washing thoroughly with water
Inhalation:	Remove victim to fresh air
Ingestion:	If discomfort exists, induce vomiting. Seek medical attention immediately

Section 8:	Preventative Measures
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Eye Contact:	Wear Safety Goggles
Skin Contact:	Wear Rubber Gloves, Boots & Long Sleeve Shirt
Inhalation:	For dusty or misty conditions, wear NIOSH approved dust or mist respirator
Engineering Controls:	Mechanical ventilation recommended in enclosed areas
Waste Disposal:	Dispose of material in government approved landfill site in accordance with local laws
Handling Procedures & Equipment:	Wash skin and equipment with water
Storage requirement:	Store in cool dry area.
Special Shipping information:	No special shipping procedures necessary.

Section 9:	Preparation Information
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Prepared By:	Innovative Group of Companies
Telephone #:	905-427-0318
Preparation Date:	November, 2009
Superseded Date:	March, 2006