



# Material Safety Data Sheet

## Section 01: Product & Company Identification

**Product Name:** **INHIBITED CALCIUM CHLORIDE 32%**

**Manufacturer:** **Innovative Group of Companies**  
78 Orchard Road,  
Ajax, Ontario,  
LIS 6L1,  
Canada.

**Effective date:** **January, 2009**

---

**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	32.0 %
Corrosion Inhibitor	-	15.0 %

## Section 3: Physical Data

**Physical state:** Liquid  
**Odor / Appearance:** Burn Sugar / Dark Brown  
**Odor Threshold:** n/a  
**Specific Gravity:** 1.322 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

<b>Section 4:</b>	<b>Fire &amp; Explosion Hazard</b>
-------------------	------------------------------------

<b>Flammability:</b>	No
<b>If yes under what Conditions:</b>	n/a
<b>Means of Extinguishing:</b>	n/a
<b>Special Procedure:</b>	None, Product can be used to extinguish fire
<b>Flash Point:</b>	n/a
<b>Upper Explosion Limit:</b>	n/a
<b>Lower Explosion Limit:</b>	n/a
<b>Auto Ignition temperature:</b>	n/a
<b>Sensitivity to Mechanical Impact:</b>	n/a
<b>Sensitivity to Static Discharge:</b>	n/a

<b>Section 5:</b>	<b>Reactivity Data</b>
-------------------	------------------------

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

<b>Section 6:</b>	<b>Health Hazards</b>
-------------------	-----------------------

<b>Rout of Entry:</b>	Inhalation & ingestion
<b>Effect of Acute exposure to material:</b>	Very low toxicity value may cause irritation to eyes or skin
<b>Effect of Chronic exposure to material:</b>	Unknown
<b>Exposure limit:</b>	Unknown
<b>Synergetic Material:</b>	None
<b>Irritancy of Material:</b>	Minor Irritant
<b>Sensitivity of Material:</b>	Does Not Occur
<b>Carcinogenetic, Reproductive Effect:</b>	None

<b>Section 7:</b>	<b>First AID Measures</b>
-------------------	---------------------------

<b>Eye Contact:</b>	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
<b>Skin Contact:</b>	Remove from skin by wiping and washing thoroughly with water
<b>Inhalation:</b>	Remove victim to fresh air
<b>Ingestion:</b>	If discomfort exists, induce vomiting. Seek medical attention immediately

<b>Section 8:</b>	<b>Preventative Measures</b>
-------------------	------------------------------

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

<b>Section 9:</b>	<b>Preparation Information</b>
-------------------	--------------------------------

<b>Prepared By:</b>	Innovative Group of Companies
<b>Telephone #:</b>	905-427-0318
<b>Preparation Date:</b>	January, 2009
<b>Superseded Date:</b>	March, 2006