



Material Safety Data Sheet

Section 01: Product & Company Identification

Product Name: **INHIBITED CALCIUM CHLORIDE 32%**
Manufacturer: **Innovative Group of Companies** **Effective date: November, 2009**

78 Orchard Road,
Ajax, Ontario,
LIS 6L1,
Canada.

Emergency Phone Number: **613-996-6666** **For More Information Call:**
24 Hours/Day: 7 Days/Week 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

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| 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 Static Discharge: | n/a |

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| 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 @ temperatures >1600C |

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| 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 |

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| 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 |

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| 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 |

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| 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 |