



Material Safety Data Sheet

Section 01: Product & Company Identification

Product Name: **CALCIUM CHLORIDE FLAKES XTRA**
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: Flake Calcium Chloride
Material Uses: Dust Control, De-icing
WHMIS Classification: Class D, Division 2B
Chemical Family: Inorganic Salt Solution

Section 2: Composition and Information on Ingredients

Components	CAS #	% by Weight
Calcium Chloride	10035-04-8	> 83.0 to < 87.0 %
Water	7732-18-5	> 8.0 to < 14.0 %
Potassium Chloride	7447-40-7	> 2.0 to < 3.0 %
Sodium Chloride	7647-14-5	> 1.0 to < 2.0 %

Section 3: Physical Data

Physical state: Solid
Odor / Appearance: Small White flakes, Hygroscopic
Odor Threshold: n/a
Specific Gravity: n/a
pH: 8.0 to 9.0
Vapor Pressure: 1 mm
Solubility in Water: 97.7gms/100 ml @ C, 326gms/100 ml @ 60 C
% 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:	Skin Contact and Ingestion
Effect of Acute exposure to material:	Moderately Toxic LD50 (Oral rate): 1000 mg /Kg
Effect of Chronic exposure to material:	Unknown
Exposure limit:	TWAEV for nuisance particulates 10mg/m ³
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 procedure 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