

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: Canadian Shield Liquid Ice Melt

Chemical Formula: H 373

Manufacturer: Hawco Products Limited,
61 Shaver Street,
Brantford, ON N3T 5V6

Distributor:

Emergency Telephone Number: 1-519-759-2443

Date prepared: September 3, 2014

Hazard Rating

HEALTH:	1	FLAMMABILITY:	0
REACTIVITY:	0	PERSONAL PROTECTION:	B

SECTION II - INGREDIENTS (disclosed as per 29 CFR 1910.1200)

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>
Magnesium Chloride	7791-18-6	10-30%	
Proprietary Ingredients		10-30%	
Corrosion Inhibitor	57-55-6	<2%	

SECTION III - PHYSICAL DATA

Boiling Point (deg C):	NAP	Specific gravity:	1.30 @ 68°F
Composite Partial Vapour Pressure (mm Hg @ 25C):		Solubility in Water:	Miscible
pH (as supplied):	Slightly Alkaline	Color:	Green to Olive Green
Physical State:		Odor:	Odourless

SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	NAP
Flash Point (deg C, TCC):	Non-combustible. Method: N/A Auto Ignition Temperature: N/A
Hazardous combustion products:	Toxic fumes of hydrogen chloride may be evolved when magnesium chloride is thermally decomposed.
Extinguishing Media:	Water spray, carbon dioxide, dry chemical
Special Fire Hazards:	NAP

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable
Incompatible Materials:	Avoid contact with strong acids
Hazardous decomposition products:	Hydrogen chloride gas may be released if product is evaporated to dryness and heated to > 50°C

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SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Skin contact, eye contact and ingestion are not likely to be a primary route of exposure

EFFECTS OF ACUTE EXPOSURE:

Eye: Mild Irritant

Skin: Mild Irritant

Inhalation (of mists): NAP

Ingestion:

EFFECTS OF CHRONIC EXPOSURE:

Eyes: Irritant

Carcinogenicity: Not a carcinogen

SECTION VII- PREVENTATIVE MEASURES

Protective gloves: Rubber gloves

Eye protection: Chemical goggles

Respiratory protection: NIOSH approved dust/mist respirator as necessary

Other protective equipment:

Engineering controls: All available engineering controls to minimize risk should be used.

Leak and Spill Procedure:

Waste disposal: In accordance with Federal/Provincial and local regulations.

Storage Requirements: Ventilated conditions for storage. Keep away from strong acids to prevent release of hydrogen chloride gas.

SECTION VIII - FIRST AID

Eye contact: Immediately flush eyes with water, remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay.

Skin contact: Wash skin with plenty of water. Medical personnel should examine the area if irritation or pain persists after the area has been washed.

Inhalation: In the unlikely event that a person would be exposed to an airborne mist of such magnitude as to be overcome, remove the person to fresh air immediately. If breathing has stopped, give artificial respiration. Keep affected person warm and at rest. Seek immediate medical attention.

Ingestion: If swallowed, induce vomiting to prevent further absorption. Do not give anything by mouth to an unconscious person. Give oxygen if respiration is shallow. Seek immediate medical attention.

SECTION IX - PREPARATION DATA OF MATERIAL SAFETY DATA SHEET

Additional information/comments:

Prepared By: HAW

NAP - Not Applicable, NAV - Not Available.

Disclaimer

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