



# SAFETY DATA SHEET

Issuing Date: August 2017

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## 1. IDENTIFICATION

### GHS product identifier

**Product Name:** MCS Artik

### Other means of identification

**Synonyms:** Ice melting compound contains a combination of Sodium Chloride, Calcium Chloride and Magnésium Chloride

### Recommended use of the chemical and restrictions on use

**Recommended Use** Melting ice and snow

**Uses advised against** No information available

### Supplier's details

**Importer/Distributor:**  
SEL WARWICK INC.  
807 boul. Pierre-Roux Est  
Victoriaville, Qc Canada G6T 1T7  
TEL: 819-758-5229

**Manufacturer/Supplier :**  
NORTH ELEMENT INC.  
55, Garnet Street  
Wallaceburg, ON Canada N8A 4L8

### Emergency telephone number

**Emergency Telephone Number** 819-758-5229


## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity – Oral, Dermal, Inhalation	Category 4
Skin corrosion/irritation – Skin irritation	Category 2
Serious Eye Damage - Eye Irritation	Category 2A
Respiratory or skin sensitization – Skin sensitizer	Category 1, 1A end 1B
Specific target organ toxicity – Single exposure	Category 3

### GHS Label elements, including precautionary statements

**Emergency Overview**

<b>Signal Word</b>	<b>Warning</b>	
<b>Hazard Statements</b> -Harmful if swallowed -causes serious eye irritations		
		
<b>Appearance</b> Blue	<b>Physical State</b> Pellet	<b>Odor</b> Odorless

**Other Hazards:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. When heated to decomposition, emits irritating fumes. Corrosive to metals, upon prolonged contact. Contact with water causes an exothermic heat reaction, which may cause significant temperature rise.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Sodium Chloride	7647-14-5	94.0 — 96.0%
Propane 1,2,3-triol, Dimethicone	56-81-5, 63148-62-9	
Calcium Chloride	10043-52-4	4.0 — 6.0%

**4. FIRST AID MEASURES****Description of necessary first-aid measures**

<b>First aid measures general</b>	If you feel unwell, seek medical advice.
<b>First aid measures after inhalation</b>	Remove to fresh air if effects occur. Obtain medical attention if breathing difficulty persists.
<b>First aid measures after skin contact</b>	Remove contaminated clothing. Wash off in flowing water or shower. Seek medical attention if irritation persists. Wash contaminated clothing before reuse.
<b>First aid measures after eye contact</b>	Rinse continuously with water for several minutes. Seek medical attention if irritation develops or persists.
<b>First aid measures after ingestion</b>	If swallowed and the person is conscious, immediately give substantial amounts of water. Get medical attention immediately

**Most important symptoms and effects, both acute and delayed Symptoms/Injuries**

<b>Most important symptoms/effects</b>	Eye irritation
<b>Symptoms after inhalation</b>	May cause respiratory irritation
<b>Symptoms after skin contact</b>	Skin contact with substantial amounts of dust may cause mechanical irritation
<b>Symptoms after eye contact</b>	Causes eye irritation
<b>Symptoms after ingestion</b>	Ingestion is likely to be harmful or have adverse effects

## 5. FIRE-FIGHTING MEASURES

<b><u>Extinguishing Media Suitable</u></b>	Use extinguishing media appropriate for surrounding fire.
<b><u>Unsuitable Extinguishing Media</u></b>	Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### **Specific Hazards Arising from the Substance or Mixture**

<b>Fire hazard</b>	Not considered flammable but may burn at elevated temperatures.
<b>Explosion hazard</b>	Product is not explosive.
<b>Reactivity</b>	When heated to decomposition, emits irritating fumes.

### **Advice for firefighters**

<b>Precautionary measures fire</b>	Exercise caution when fighting any chemical fire
<b>Firefighting instructions</b>	Use water spray or fog for cooling exposed containers
<b>Protection during firefighting</b>	Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. ACCIDENTAL RELEASE MEASURES

<b><u>General measures</u></b>	Avoid breathing (dust, fumes). Avoid all contact with skin, eyes, or clothing.
<b><u>For non-emergency personnel</u></b>	
<b>Protective equipment</b>	Use appropriate personal protection equipment (PPE).
<b>Emergency procedures</b>	Evacuate unnecessary personnel
<b><u>For emergency responders</u></b>	
<b>Protective equipment</b>	Equip cleanup crew with proper protection
<b>Emergency procedures</b>	Ventilate area
<b><u>Environmental Precautions</u></b>	Prevent entry to sewers and public waters. Avoid release to the environment.
<b><u>Methods and materials for containment and cleaning up</u></b>	
<b>For Containment</b>	Contain and collect as any solid
<b>Methods for Cleaning up</b>	Clear up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Contact competent authorities after a spill.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

<b>Additional hazards when processed</b>	When heated to decomposition, emits irritating fumes. Contact with water causes an exothermic heat reaction, which may cause significant temperature rise.
<b>Precautions for safe handling</b>	Do not breathe vapors.
<b><u>Conditions for safe storage, including any incompatibilities</u></b>	
<b>Technical measures</b>	Comply with applicable regulations
<b>Storage conditions</b>	Store in dry, cool and well-ventilated place. Keep container closed when not in use.
<b><u>Specific end use(s)</u></b>	Melting ice & snow

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

No occupational exposure limits (OELs) have been established for this product or its chemical components.

### Exposure Controls

<b>Appropriate engineering controls</b>	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas.
<b>Personal protective equipment</b>	Protectives goggles, clothing and gloves.
<b>Materials for protective clothing</b>	Chemically resistant materials and fabrics.
<b>Hand protection</b>	Wear chemically resistant protective gloves.
<b>Eye protection</b>	Chemical goggles or faces shield.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Pellet
<b>Appearance</b>	Blue
<b>Odor</b>	Minimal odor
<b>Odor threshold</b>	No data available
<b>pH</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Melting point</b>	-30°C
<b>Freezing point</b>	No data available
<b>Boilint Point</b>	106°C
<b>Flash Point</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapor Pressure</b>	14mm Hg @ 20°C
<b>Relative vapor density at 20°C</b>	No data available

<b>Relative density</b>	No data available
<b>Bulk density</b>	54 pound per cubic foot
<b>Solubility</b>	26% @ 20°C
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Viscosity</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	When heated to decomposition, emits irritating fumes.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

<b>Acute toxicity</b>	Not classified
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Chemical Name	LD50 Oral
Calcium Chloride	= 4 gm/kg (Rat)
Magnesium Chloride	= 3 gm/kg (Rat)

<b>Skin corrosion/irritation</b>	Not classified
<b>Eye damage/irritation</b>	Irritating to eyes
<b>Respiratory or skin sensitization</b>	Not classified
<b>Symptoms/injuries after inhalation</b>	May cause respiratory irritation
<b>Symptoms/injuries after skin contact</b>	Skin contact with substantial amounts of dust may cause irritation
<b>Symptoms/injuries after eye contact</b>	Causes eye irritation

## 12. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Recommendations</b>	Dispose of waste material in accordance with all local, regional, national, and international regulations.
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## 13. OTHER INFORMATION

This product has a WHMIS classification of D2B.

This material safety data sheet is offered solely for your information, consideration and investigation.

<b>Prepared By</b>	Sel Warwick Inc 807 boul. Pierre-Roux Est Victoriaville, Qc G6T 1T7 819-758-5229
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<b>Revision Note</b>	Update to Format

### General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet