



# Material Safety Data Sheet

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## Winter Buster

Use: Salt & Calcium Remover

Code: FH412J

Date of MSDS: December 1, 2008

WHMIS: D2B

TDG: Not Regulated

HMIS: Health -2, Flammability - 0, Reactivity - 0

Emergency Telephone # CANUTEC 613-996-6666

### I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Tetrasodium Ethylene Diamine Tetraacetate	5-10	64-02-8	not available	not available
Sodium Cocoamphoacetate	1-5	68608-65-1	15.9 ml/kg oral rat	not available

### II - PHYSICAL DATA

<b>Physical State:</b> liquid	<b>Viscosity:</b> water thin	<b>Vapour Pressure:</b> not available
<b>Oil/Water Factor:</b> not available	<b>Appearance:</b> clear blue	<b>pH:</b> 10.5-11.5
<b>Vapour Density:</b> not available	<b>Evaporation Rate:</b> similar	<b>Odour:</b> mild
<b>Specific Gravity:</b> 1.00-1.02	<b>Boiling Point (°C):</b> not available	<b>Odour Threshold:</b> not available
<b>Freezing Point (°C):</b> not available		

### III - FIRE AND EXPLOSION DATA

<b>Conditions of Flammability:</b> not flammable	<b>UFL:</b> not available
<b>Flash Point and Test Method:</b> none	<b>LFL:</b> not available
<b>Sensitivity to Static Discharge or Mechanical Impact:</b> not available	<b>Hazardous Combustion Products:</b> oxides of carbon
<b>Means of Extinction:</b> treat for surrounding material & fire	<b>Auto-Ignition Temperature:</b> not available

### IV - REACTIVITY DATA

<b>Incompatible Substances:</b> strong oxidizing agents, acids	<b>Conditions of Chemical Instability:</b> stable
<b>Hazardous Decomposition Products:</b> oxides of carbon, hydrocarbon fumes	<b>Conditions of Reactivity:</b> not applicable
<b>Storage Requirements:</b> store in closed containers away from incompatible materials	

### V - TOXICOLOGICAL PROPERTIES

<b>Synergistic Materials:</b> not available	<b>Route(s) of Entry:</b> skin, eyes, ingestion, inhalation
<b>Irritancy of Product:</b> mild-moderate	<b>Sensitization:</b> not available
<b>Acute Effects</b>	<b>Chronic Effects</b>
<b>Eye:</b> may cause mild to moderate to irritation	<b>Carcinogen:</b> none known
<b>Skin:</b> may cause mild irritation	<b>Teratogen:</b> none known
<b>Inhalation:</b> none known	<b>Mutagen:</b> none known
<b>Ingestion:</b> may cause vomiting, headache & medical problems	<b>Reproductive Toxin:</b> none known
<b>Prolonged or Repeated Exposure: Skin</b> – none known	

### VI - FIRST AID MEASURES

**Eye Contact:** Immediately flush with water for 15 minutes. If irritation persists, contact a physician.

**Skin Contact:** Immediately flush with water for 15 minutes. Contact a physician if irritation develops.

**Inhalation:** Remove to fresh air. If symptoms persist, contact a physician.

**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

### VII - PROTECTIVE EQUIPMENT

**Personal Protective Equipment:**

- Eyes:** safety glasses recommended
- Skin:** impermeable gloves recommended
- Respiratory:** not normally required if good ventilation is maintained

**Ventilation:** general ventilation normally adequate

### VIII - SPECIAL MEASURES

**For Leaks or Spills:** Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review all Federal, Provincial and local regulations prior to disposal.

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