

Material  
Safety  
Data  
Sheet



IDENTITY	Rapid Aid Instant Hot Pack
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Section I

Manufacturer's Name <b>Rapid Aid Ltd.</b>	Emergency Telephone Number <b>905-820-4788</b>
Address <b>4120 A Sladeview Crescent Units 1-4</b>	Telephone Number for Information <b>905-820-4788</b>
<b>Mississauga, Ontario</b>	Date Prepared <b>29 January 2001</b>
<b>L5L 5Z3</b>	Signature of Preparer ( <i>optional</i> )

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%( <i>optional</i> )
Calcium Chloride		N/A	Oral (LD50) 1000 mg/kg [rat]	
Sodium Chloride		N/A	Oral (LD50) 3000 mg/kg [rat]	
Potassium Chloride		N/A	Oral (LD50) 2600 mg/kg [rat]	

Section III - Physical/Chemical Characteristics

Boiling Point	<b>347°F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.850</b>
Vapor Pressure (mm Hg.)	<b>Not applicable</b>	Melting Point	<b>345°F</b>
Vapor Density (AIR = 1)	<b>Not applicable</b>	Evaporation Rate(Butyl Acetate = 1)	<b>Not applicable</b>
Solubility in Water: <b>Complete</b>			
Appearance and Odour : <b>White, Odourless solid chemical with water bag</b>			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>Non Flammable</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>Not Applicable</b>			
Special Fire Fighting Procedures <b>Not Applicable</b>			
Unusual Fire and Explosion Hazards <b>Not Applicable</b>			

### Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	<b>X</b>	None
Incompatibility ( <i>Materials to Avoid</i> ) <b>Chemical from damaged hot pack may be corrosive to some metals. Avoid contact with zinc, sodium and sulphuric acid.</b>			
Hazardous Decomposition or Byproducts <b>None</b>			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	None

### Section VI - Health Hazard Data

Route(s) of Entry:	Eye contact; Skin contact; Inhalation; Ingestion		
Health Hazards ( <i>Acute and Chronic</i> )  Dry chemical of hot pack is an eye irritant, Dry chemical of hot pack is a skin irritant, Dry chemical of hot pack are hazardous when ingested and inhaled. No health hazards when dry chemical and water are in solution.			
Carcinogenicity: N/A			
Signs and Symptoms of Exposure  Eye contact with dry chemical result in stinging, tearing, redness and swelling of eyes. Skin contact with dry chemical may result in redness and burning of skin. Contact with damp skin can result in burns. Swallowing large amounts of dry chemical may be harmful. Inhalation of large amounts of dry chemical dust may be harmful.			
Medical Conditions Generally Aggravated by Exposure Not Available			

Emergency and First Aid Procedures (for dry chemical of the Hot Pack)

**Eyes**

If material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention.

**Skin**

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.