

**MATERIAL SAFETY DATA SHEET**

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Date completed: Jan. 15, 2003

**PRODUCT NAME:** 9900 SAFETY MELT  
**OTHER NAME:**  
**DISTRIBUTED BY:** ACKLANDS-GRAINGER INC.

**CODE:** K576

**WHMIS CLASSIFICATION:** Not Controlled  
**TDG CLASSIFICATION:** Not Regulated

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<b>HAZARDOUS INGREDIENTS</b>	<b>%WT/WT</b>	<b>CAS NO.</b>	<b>TOXICITY DATA (LD<sub>50</sub> &amp; LC<sub>50</sub>)</b>
Ammonium Sulphate	60-100	7783-20-2	ACGIH TLV - 10 mg/m <sup>3</sup> LD <sub>50</sub> Oral (rat) 3 g/kg LD <sub>50</sub> Oral (man) 1.5 g/kg

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**PHYSICAL DATA FOR PRODUCT**

Physical State: Solid  
Decomposes: 280°C  
Vapour Density: N/A  
Freezing Point: Effective to -20°C  
Solubility in Water: 70%  
Appearance & Odour: Colorless or white crystals.

Sp. Gravity: 1.1      pH: 1% sol. 7.0  
Vapour Pressure: N/A  
Evaporation Rate: N/A

**FIRE AND EXPLOSION DATA FOR PRODUCT**

Flash Point (Test Method): N/A  
Flammable Limits in Air, % by vol. Non-flammable Lower: N/A Upper: N/A  
Fire Extinguishing Substances: (X) Water Spray ( ) Foam ( ) CO<sub>2</sub> ( ) Dry Chem ( ) Other:  
Hazardous Combustion Products: Ammonia and sulphur oxides.

Special Firefighting Procedures: Use fire spray to cool fire exposed surfaces. Use self-contained breathing apparatus.

**REACTIVITY DATA FOR PRODUCT**

Incompatibility: ( ) Water ( ) Oxidizing Material ( ) Acid (X) Base  
( ) Other: Contact with alkaline material liberates ammonia.

Hazardous Decomposition Products: See Hazardous Combustion Products.

Chemical Stability: Stable

\*N/A - Not applicable.

Product Name: **9900 SAFETY MELT**

**HEALTH HAZARD INFORMATION FOR PRODUCT  
EMERGENCY and FIRST AID PROCEDURES**

Inhalation: Remove to fresh air if effects occur. Consult a physician.

Ingestion: Induce vomiting if large amounts are swallowed. Get medical attention.

Eyes: Flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

Skin: Wash off with water.

**EFFECTS OF OVEREXPOSURE (Acute and Chronic)**

Inhalation: No harmful effects expected. May cause upper respiratory tract irritation.

Ingestion: Low to moderate toxicity. Ingestion of large amounts may cause injury.

Eyes: May cause mild to moderate eye irritation.

Skin: Prolonged contact may cause discomfort and mild irritation.

**PREVENTIVE MEASURES**

Steps to be taken upon release or spillage (including neutralizing):  
Scoop or sweep up material and place in suitable container for recycling or disposal.  
For small spills, flush with plenty of water.

Waste disposal method:  
Dispose at landfill site according to Federal, Provincial and Local Regulations.

Handling and Storage Requirements:  
Store in dry place.

Ventilation Requirements (Local or General):  
Local ventilation recommended.

Respiratory Protection:  
A dust mask should be worn.

Eye Protection:  
Safety glasses recommended.

Other Protection:  
Coveralls and leather gloves to prevent prolonged skin contact.