MATERIAL SAFETY DATA SHEET

OSTREY CHEMICAL CO. LTD.
2310 - 80 AVENUE
EDMONTON AB T6P 1N2

Phone: (780) 440-1911
In Case of Emergency Only:
Phone CANUTEC: (613) 996-6666

Date completed: Jan. 15, 2003

PRODUCT NAME: 9900 SAFETY MELT
OTHER NAME: CODE: K576
DISTRIBUTED BY: ACKLANDS-GRAINGER INC.

WHMIS CLASSIFICATION: Not Controlled
TDG CLASSIFICATION: Not Regulated

HAZARDOUS INGREDIENTS %WT/WT CAS NO. TOXICITY DATA (LD<sub>50</sub> & LC<sub>50</sub>)

Ammonium Sulphate 60-100 7783-20-2 ACGIH TLV - 10 mg/m³
LD<sub>50</sub> Oral (rat) 3 g/kg
LD<sub>50</sub> Oral (man) 1.5 g/kg

PHYSICAL DATA FOR PRODUCT
Physical State: Solid Sp. Gravity: 1.1 pH: 1% sol. 7.0
Decomposes: 280°C Vapour Pressure: N/A
Vapour Density: N/A Evaporation Rate: N/A
Freezing Point: Effective to -20°C
Solubility in Water: 70%
Appearance & Odour: Colorless or white crystals.

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.

Prepared by: Technical Services Department, Ostrem Chemical Co. Ltd., Ph: (780) 440-1911