

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: SAFETY MELT
OTHER NAME:
DISTRIBUTED BY:

CODE: I319

WHMIS CLASSIFICATION: Not Controlled
TDG CLASSIFICATION: Not Regulated

| HAZARDOUS INGREDIENTS | %WT/WT | CAS NO. | TOXICITY DATA (LD₅₀ & LC₅₀) |
|------------------------------|---------------|----------------|--|
| Ammonium Sulphate | 60-100 | 7783-20-2 | ACGIH TLV - 10 mg/m ³ LD ₅₀ Oral (rat) 3 g/kg LD ₅₀ Oral (man) 1.5 g/kg |

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: 1.000 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 () CO₂ () 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: **SAFETY MELT**

HEALTH HAZARD INFORMATION FOR PRODUCT

EMERGENCY and FIRST AID PROCEDURES

Inhalation: Move 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.