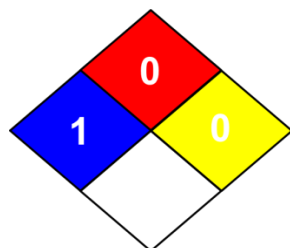


Material Safety Data Sheet

Version: 2.0

Preparation Date: January, 2013
Supersedes All Previous Versions

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION



Product Name: MELTDOWN® E 22 with AP
Product Use: De-icing, anti-icing
Manufacturer/Distributor: Innovative Surface Solutions
78 Orchard Road 454 River Road
Ajax, Ontario Glenmont, NY
L1S 6L1 12077
Telephone: 1-800-387-5777 1-800-257-5808
24-Hour Emergency Telephone: 613-996-6666 1-800-424-9300
WHMIS Classification: Not controlled
Chemical Family: Inorganic salt solution

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS #	% by Weight
Magnesium Chloride	7786-30-3	22.0%
IMP-AP	-	0.5%

SECTION 3: PHYSICAL DATA

Physical State: Liquid
Appearance | Odor: Clear to light brown (available as blue and orange) | Odorless
Odor Threshold: n/a
Specific Gravity: 1.210g/mL
pH: 6.0 to 9.0
Vapor Pressure: n/a
Solubility in Water: Soluble in water
% Volatile: n/a
Vapor Density: n/a

SECTION 4: FIRE AND EXPLOSION HAZARD

Flammability: No
If yes, under what conditions: n/a
Means of Extinguishing: n/a
Special Procedure: None. Product can be used to extinguish fire.
Flash Point: n/a
Upper Explosion Limit: n/a
Lower Explosion Limit: n/a
Auto Ignition Temperature: n/a
Sensitivity to Mechanical Impact: n/a
Sensitivity to Static Discharge: n/a

SECTION 5: REACTIVITY DATA

Chemical Stability:	Yes
If no, under what conditions:	n/a
Incompatibility With Other Substances:	Yes
If so, which ones:	Bromine trifluoride, sulphuric acid, sodium, methyl vinyl zinc
Reactivity Under What Conditions:	n/a
Hazardous Decomposition Products:	Chlorine fumes are given off at temperatures > 1600°C

SECTION 6: HEALTH HAZARDS

Route of Entry:	Inhalation and ingestion
Effect of Acute Exposure to Material:	Very low toxicity value may cause irritation of eyes or skin.
Effect of Chronic Exposure to Material:	Unknown
Exposure Limit:	Unknown
Synergetic Material:	None
Irritancy of Material:	Minor irritant
Sensitivity of Material:	Does not occur
Carcinogenic, Reproductive Effects:	None

SECTION 7: FIRST AID MEASURES

Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Seek medical attention immediately.
Skin Contact:	Remove from skin by wiping and washing thoroughly with water.
Inhalation:	Remove victim to fresh air.
Ingestion:	If discomfort exists, induce vomiting. Seek medical attention immediately.

SECTION 8: PREVENTATIVE MEASURES

Eye Contact:	Wear safety goggles.
Skin Contact:	Wear rubber gloves, boots and long sleeve shirts.
Inhalation:	For dusty or misty conditions, wear NIOSH approved dust or mist respirator.
Engineering Controls:	Mechanical ventilation recommended in enclosed areas.
Waste Disposal:	Dispose of material in government approved landfill site in accordance with local laws.
Handling Procedures and Equipment:	Wash skin and equipment with water.
Storage Requirements:	Store in cool dry area.
Special Shipping Information:	No special shipping procedures.

SECTION 9: PREPARATION INFORMATION

Prepared by:	Innovative Surface Solutions
Telephone:	905-427-0318
Preparation Date:	January, 2013
Superseded Date:	ALL PREVIOUS VERSIONS