

SELECT SPECIALTY PRODUCTS, INC.  
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 CHARLOTTESVILLE, VA 22905-5572  
 MATERIAL SAFETY DATA SHEET

REVISED: NOV. 1, 1991  
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 EMERGENCY PHONE NO.: (804)296-3937

SECTION I - IDENTIFICATION OF PRODUCT

TRADE NAME: #1416 MELTZ  
 PRODUCT TYPE: DE-ICING SPRAY

SECTION II - HAZARDOUS INGREDIENT	CAS#	TLV	PEL	APPROX %WT
ISOPROPYL ALCOHOL	67-63-0	400	400	
PROPELLANT: CARBON DIOXIDE	124-38-9			

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 180 F  
 SPECIFIC GRAVITY: (H2O=1)@75F 0.804  
 SOLUBILITY IN WATER: 100%  
 APPEARANCE: WATER WHITE LIQUID  
 ODOR: ALCOHOL ODOR  
 VAPOR PRESSURE (mmHg): IN CAN @75F 85  
 VAPOR DENSITY (Air=1): N.D.  
 %VOLATILE BY VOLUME IN CAN: 100%

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 59F TOC  
 EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE  
 LEVEL 2 AEROSOL (NFPA 30B)

SPECIAL FIRE FIGHTING PROCEDURES: KEEP CONTAINERS COOL. USE EQUIPMENT OR SHIELDING REQUIRED TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OR VENTING CONTAINERS.

UNUSUAL HAZARDS: AT ELEVATED TEMPERATURES (ABOVE 120F) CONTAINERS MAY VENT, RUPTURE OR BURST.

SECTION V - REACTIVITY DATA

STABILITY: STABLE  
 CONDITIONS TO AVOID: DO NOT EXPOSE TO TEMPERATURES ABOVE 120F

POLYMERIZATION: WILL NOT OCCUR  
 CONDITIONS TO AVOID: NONE  
 INCOMPATIBLE MATERIALS: ALKALIE METALS, ALKALINE EARTH METALS  
 POWDERED ALUMINUM BERYLIUM ETC.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CAN NOT OCCUR.

SECTION VI - HEALTH HAZARDS DATA

ROUTES OF ENTRY: SKIN? PRIMARY

CARCINOGENICITY: N.A. NTP: N.A. IARC MONOGRAPHS: N.A. OSHA REGULATED: N.A.

HEALTH HAZARDS ACUTE/CHRONIC:

**EYES:** CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, AND BLURRED VISION  
**INGESTION:** SLIGHTLY TOXIC. INGESTION OF LARGE QUANTITIES MAY CAUSE DROWSINESS AND LOSS OF CONSCIOUSNESS, GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. **SKIN CONTACT:** PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS. **INHALATION:** MINIMAL EFFECTS BELOW 1000 PPM; DIZZINESS, DROWSINESS AND THROAT IRRITATION, DEFATTING AND DERMATITIS.

	H M I S	R A T I N G	H M I S
H E A L T H		1	SEVERE 4
F L A M M A B I L I T Y		3	SERIOUS 3
R E A C T I V I T Y		0	MODERATE 2
			SLIGHT 1
			MINIMAL 0

**EMERGENCY FIRST AID PROCEDURES:**

- INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING STOPS GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.
- INGESTION:** GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.
- EYE CONTACT:** FLUSH WITH WATER, LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION.
- SKIN CONTACT:** WASH WITH SOAP AND WATER.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE-STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

- CLEAN UP AREA WITH ABSORBENT MATERIALS AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. CONTACT FEDERAL STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED DISPOSAL PROCEDURES.
- WASTE DISPOSAL METHOD:** WHEN USED PROPERLY AEROSOL PRODUCTS DO NOT GENERATE HAZARDOUS WASTE. EMPTY DE-PRESSURIZED CONTAINERS CANNOT BE REUSED AND SHOULD BE WRAPPED AND PUT IN A PERMITTED WASTE MANAGEMENT FACILITY. CONSULT FEDERAL, STATE AND LOCAL DISPOSAL AUTHORITIES FOR APPROVED PROCEDURES.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

- SPECIAL PERSONAL PROTECTIVE EQUIPMENT:**
  - RESPIRATORY:** APPROVED ORGANIC TYPE RESPIRATOR ACCEPTABLE IF CONCENTRATION IS 350-1000 PPM
  - PROTECTIVE GLOVES:** VITON, POLYVINYL CHLORIDE
  - EYE PROTECTION:** CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS
  - OTHER MEASURES:** DON'T EAT, DRINK OR SMOKE IN WORK AREA. WASH HANDS BEFORE EATING.
- VENTILATION REQUIREMENTS:** PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV

**SECTION IX - SPECIAL PRECAUTIONS**

- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** DO NOT STORE AT TEMPERATURES ABOVE 120F.
- SPECIAL PRECAUTIONARY STATEMENTS:** PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL: THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE WAY, AND THEY ALSO GIVE THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.

**DISCLAIMER:** SELECT SPECIALTY PRODUCTS BELIEVES THAT THE INFORMATION CONTAINED ON THIS MATERIAL SAFETY DATA SHEET IS ACCURATE. THE SUGGESTED PROCEDURES ARE BASED ON EXPERIENCE AS OF DATE OF PUBLICATION. THEY ARE NOT NECESSARILY ALL INCLUSIVE NOR ARE THEY FULLY ADEQUATE IN EVERY CIRCUMSTANCE. IN ADDITION, THE SUGGESTIONS ON THIS MATERIAL SAFETY DATA SHEET SHOULD NOT BE CONFUSED WITH, NOR SHOULD THEY BE FOLLOWED IN VIOLATION OF, APPLICABLE LAWS, REGULATIONS OR INSURANCE REQUIREMENTS.