

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

MELTS AWAY

PRODUCT CODE: #155

CHEMICAL FORMULATION: LIQUID ICE MELTER

NFPA HAZARD IDENTIFICATION SYSTEM:

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))

OSHA PEL

ACGIH TLV

Other Limits

Recommended

% optional

A COMBINATION OF ISOPROPYL ALCOHOL AND GLYCOLS. NO TLV DATA AVAILABLE

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): 205°-300°F

MELTING POINT:

VAPOR PRESSURE (mm Hg.): NO DATA

SPECIFIC GRAVITY (WATER = 1): 1.02

VAPOR DENSITY (AIR = 1): NO DATA

VOC CONTENT (% by weight):

SOLUBILITY IN WATER: COMPLETE

EVAPORATION RATE (Water = 1):

pH:

APPEARANCE AND ODOR: FAINT GREEN LIQUID, ALCOHOL ODOR.

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): APPROXIMATELY 110°F (TCC)

(TEST METHOD):

FLAMMABLE LIMITS: NO DATA

UPPER: N/A

LOWER: N/A

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

V - REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY: ALL SOURCES OF IGNITION

CONDITIONS TO AVOID: SPARKS, FLAMES, EXCESSIVE HEAT

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE UPON INCOMPLETE COMBUSTION

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: N/A

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VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION? N/A SKIN? N/A INGESTION? YES EYES? YES

CARCINOGENICITY? NTP? IARC MONOGRAPHS? OSHA REGULATED?

EFFECTS OF OVEREXPOSURE

IF IN EYES: MAY CAUSE IRRITATION

IF ON SKIN: N/A

IF SWALLOWED: CONTACT PHYSICIAN

IF INHALED: EXCESSIVE INHALATION OF VAPORS IS IRRITATING AND MAY BE HARMFUL

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: FLUSH WITH WATER. SEEK PHYSICIAN

IF ON SKIN: RINSE WITH WATER

IF SWALLOWED: INDUCE VOMITING AND SEEK A PHYSICIAN IMMEDIATELY

IF INHALED: MOVE TO FRESH AIR, SEEK PHYSICIAN IF NECESSARY

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION, VENTILATE THE AREA. COLLECT WITH AN ABSORBENT OR FLUSH AWAY.

WASTE DISPOSAL METHOD: FOLLOW LOCAL POLLUTION ORDINANCES

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: Local Exhaust: FRESH AIR Mechanical (General): N/A Special: N/A
Other: N/A

RESPIRATORY PROTECTION: TO AVOID EXCESSIVE VAPOR OR MIST INHALATION

PROTECTIVE GLOVES: RECOMMENDED

EYE PROTECTION: RECOMMENDED

OTHER PROTECTIVE EQUIPMENT: TO AVOID WETTING CLOTHES AND SKIN

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN COOL PLACE. AVOID REPEATED SKIN CONTACT OR INHALATION OF VAPORS. DO NOT LEAVE CONTAINER OPEN, USE IN WELL VENTILATED AREA.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

WORK/HYGIENIC PRACTICES : N/A

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