

Material Safety Data Sheet

Product Name: Mighty - D - Ice

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Manufactured by:
Randall Industries, LLC
4565 Hemlock Road
Cherry Tree, PA 15724

Section I

Emergency Phone Number: 1-800-535-5053
Phone Number for Information: 1-814-743-6630
MSDS Revision: Jan 09, 2014

Section II - Hazardous Ingredients

Ingredient(s):
Propylene Glycol

CAS No:	OSHA PEL	ACGIH TLV
57-55-6	N/D	N/D

HMIS: 110

NFPA: 010

N/A=Not Applicable N/D=Not Determined

Section III - Physical / Chemical Data

Appearance:	Clear liquid	Solubility in Water:	100% Complete
Odor:	None	Specific Gravity:	1.04 Water = 1
pH:	7	Vapor Pressure:	< 0.1 mm Hg @ mm Hg
Boiling Point:	188 F °F (°C)	Vapor Density:	2.6 @ 60-90°F Air = 1
Melting Point:	N/D °F (°C)	Evaporation Rate:	1.4 Butyl Acetate = 1

Section IV - Fire And Explosion Hazards

Flash Point: 228 deg. F °F (°C) (CC) Flammable Limits: for propylene glycol LEL: 2.4 UEL: 17.5

Extinguishing Media: Use water water spray, Alcohol resistance AFFF foam, dry chemical or Carbon Dioxide.

Special Fire Fighting Procedures: Wear an approved self-contained breathing apparatus and protective clothing.

Fire / Explosive Hazards: Combustible liquid. Auto-ignition temperature 700 F

Section V - Reactivity Data

Stability: Stable Unstable

Hazardous Polymerization: May occur Will not occur

Incompatibility: None known.

Hazardous Decomposition Products: Toxic gases and vapors; oxides of carbon and formaldehyde.

Conditions to Avoid: Presence of incompatible materials and ignition sources.

Section VI - Health Hazard Data

Primary Routes of Entry: Inhalation Skin Contact Ingestion

Health Hazards: Inhalation: Not a likely route of exposure. No significant signs or symptoms of harmful effects.
Ingestion: Not a likely route of exposure. No significant signs or symptoms of harmful effects.
Eyes and Skin: Repeated skin contact may cause dermal irritation, dryness and cracking.

Carcinogenicity: NTP IARC Monographs OSHA Regulated Not a carcinogen

Signs and Symptoms of Exposure: Irritation of the eyes and skin may indicate exposure.

Conditions Generally Aggravated by Exposure: Pre-existing eye, skin & respiratory disorders may be aggravated with contact.

Emergency and First Aid Procedures: Eyes & Skin: Flush with water for 15 minutes, if irritation persists get medical attention.

Inhalation: Move to fresh air.

Ingestion: Drink 2 glasses of water. NEVER give fluids to an unconscious person. Get medical attention.

Section VII - Precautions for Safe Handling and Use

If Material is Released or Spilled: Small spills can be flushed down local drains. Large spills can be absorbed with an inert material such as sand, soil, or clay.

Wastes Disposal Method: Dispose of in accordance with federal, state, and local regulations.

Precautions for Handling and Storing: Store between 40 and 120 degrees F in non-aluminum equipment.

Other Precautions: Container may be under pressure. Do not weld empty container, vapors may ignite.

Section VIII - Control Measures

Respiratory Protection: None required.

Ventilation: Adequate ventilation

Protective Gloves: Rubber Gloves

Eye Protection: Proper eye protection is recommended.

Other Protective Equipment: Eye wash and safety shower should be nearby.

Work/Hygenic Practices: Wash hands before eating. Launder contaminated clothing before re-use.