

Material Safety Data Sheet

Product Name: 3-MS 3% MIL SPEC AFFF Fire Fighting Foam

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Section I

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

Emergency Phone Number: 1-800-535-5053
Phone Number for Information: 1-814-743-6630
MSDS Revision: Sep 13, 2012

Section II - Hazardous Ingredients

Ingredient(s):
glycol ether db
proprietary surfactant blend

CAS No:	OSHA PEL	ACGIH TLV
112-34-5	N/A	N/D

HMIS: 100

NFPA: 100

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

Section III - Physical / Chemical Data

Appearance:	Light Brown	Solubility in Water:	100% Complete
Odor:	Mild odor	Specific Gravity:	1.02 Water = 1
pH:	7.0 - 8.5	Vapor Pressure:	N/D mm Hg
Boiling Point:	> 212 (> 100) °F (°C)	Vapor Density:	N/D Air = 1
Melting Point:	N/A °F (°C)	Evaporation Rate:	N/D Butyl Acetate = 1

Section IV - Fire And Explosion Hazards

Flash Point: None °F (°C) (CC) Flammable Limits: LEL: UEL:

Extinguishing Media: Suitable for surrounding fire.

Special Fire Fighting Procedures: None

Fire / Explosive Hazards: None

Section V - Reactivity Data

Stability: Stable Unstable

Hazardous Polymerization: May occur Will not occur

Incompatibility: None known.

Hazardous Decomposition Products: None known.

Conditions to Avoid: None known.

Section VI - Health Hazard Data

Primary Routes of Entry: Inhalation Skin Contact Ingestion

Health Hazards: Moderately irritating to eyes and skin.

Ingestion: may cause damage to mucous membranes and deep tissues.

Carcinogenicity: NTP IARC Monographs OSHA Regulated Not a carcinogen

Signs and Symptoms of Exposure: Moderately irritating to eyes & skin.

Ingestion: May cause vomiting, headache and other medical problems.

Conditions Generally Aggravated by Exposure: Pre-existing skin 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.

Ingestion: Do not induce vomiting. Drink water, milk of magnesia. Get medical attention.

Section VII - Precautions for Safe Handling and Use

If Material is Released or Spilled: Contain liquid to prevent discharge to streams. Spills or releases should be reported to appropriate local, state and federal regulatory agencies.

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

Precautions for Handling and Storing: Store between 35 and 120 degrees F.

Other Precautions: Keep Out Of Reach Of Children.

Section VIII - Control Measures

Respiratory Protection: Chemical cartridge respirator if exposure limits are exceeded.

Ventilation: Adequate ventilation

Protective Gloves: Rubber Gloves

Eye Protection: Chemical goggles

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

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