

Material Safety Data Sheet

Product Name: AI 1080-93-2 Navy Type I

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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: Feb 04, 2002

Section II - Hazardous Ingredients

Ingredient(s):	CAS No:	OSHA PEL	ACGIH TLV
Nonionic Surfactant	N/A	N/D	N/D
Amides, C8-18 and C18 unsat. bis(Hydroxyethyl)	68155-07-7	N/D	N/D
Aromatic Hydrocarbon	N/A	N/D	N/D
Formulated Inhibitor	Mixture	400 ppm	400 ppm

HMSI: 210

NFPA: 210

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

Section III - Physical / Chemical Data

Appearance: Brown Tint	Solubility in Water: 100% complete
Odor: Solvent-like	Specific Gravity: 1.01 Water = 1
pH: 7.0 - 10.0	Vapor Pressure: 6 mm Hg
Boiling Point: 220 (104) °F (°C)	Vapor Density: N/D Air = 1
Melting Point: N/D °F (°C)	Evaporation Rate: N/D Butyl Acetate = 1

Section IV - Fire And Explosion Hazards

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

Extinguishing Media: Use water fog, foam, dry chemical or Carbon Dioxide.

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

Fire / Explosive Hazards: Sealed container exposed to heat results in vapor pressure buildup and possible rupture. Keep cool with water to prevent.

Section V - Reactivity Data

Stability: Stable Unstable

Hazardous Polymerization: May occur Will not occur

Incompatibility: None known.

Hazardous Decomposition Products: May emit smoke, soot, and toxic fumes such as carbon monoxide & carbon dioxide when heated.

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.

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.

Inhalation: May cause nausea & loss of motor skills.

Conditions Generally Aggravated by Exposure: Preexisting 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 or milk. Get medical attention.

Inhalation: Move to fresh air.

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.

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

Section VIII - Control Measures

Respiratory Protection: None required under standard conditions with adequate ventilation. Ventilation: Local Exhaust

Chemical cartridge respirator if exposure limits exceeded.

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 reuse.