

Safety Data Sheet

Product Name: **AI 1080-93-1D Navy Type II**

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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, 2016

Section II - Hazardous Ingredients

Ingredient(s):

Amides, C8-18 unsat. bis(Hydroxyethyl)
Nonyphenol Ethoxylate

CAS No:
68155-17-7 <10%
9016-45-9 <10%

OSHA PEL	ACGIH TLV
220 ppm	220 ppm
N/D	N/D

NOT REGULATED BY D.O.T.

Conforms to MIL-PRF-85570 Type II

HMIS: 100

NFPA:

Section III - Physical / Chemical Data

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

Appearance: Clear with a yellow tint.
Odor: Slight
pH: 8.5
Boiling Point: 187 °F (°C)
Melting Point: N/D °F (°C)

Solubility in Water: 100 % at < 80 deg. F
Specific Gravity: 1.014 Water = 1
Vapor Pressure: 4 mm Hg
Vapor Density: N/D Air = 1
Evaporation Rate: N/D Butyl Acetate = 1

Section IV - Fire And Explosion Hazards

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

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 with full face piece operated in the positive pressure demand mode and full body protection.

Fire / Explosive Hazards: May liberate irritating or toxic vapors during combustion or decomposition.

Section V - Reactivity Data

Stability: Stable Unstable

Hazardous Polymerization: May occur Will not occur

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: Carbon monoxide and other organic compound may be released during combustion.

Conditions to Avoid: Nitrosating agents(i.e. Sodium Nitrite), extremely high temperatures.

Section VI - Health Hazard Data

Primary Routes of Entry: Inhalation Skin Contact Ingestion

Health Hazards: Eye: Moderate irritation.
Skin: Slightly irritating.
Inhalation: Mist or vapors may cause irritation of mucous membranes, coughing.

Carcinogenicity: NTP IARC Monographs OSHA Regulated Not a carcinogen

Signs and Symptoms of Exposure: Inhalation: Mist or vapors may cause irritation of mucous membranes, coughing.
Eye: Causes burning and redness and irritation.
Skin: Prolonged exposure may cause irritation.

Conditions Generally Aggravated by Exposure: Preexisting skin disorders may be aggravated with contact.

Emergency and First Aid Procedures: Eyes: Flush with water for 15 minutes, if irritation persists get medical attention.
Skin: Wash with mild soap and water, if irritation persists get medical attention.
Ingestion: If conscious and able to swallow, induce vomiting. Seek 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 40 and 120 degrees F.

Other Precautions: Keep Out Of Reach Of Children.

Section VIII - Control Measures

Respiratory Protection: None required under normal conditions with adequate ventilation. Ventilation: Adequate ventilation

Protective Gloves: Rubber gloves

Eye Protection: Proper eye protection is recommended.

Other Protective Equipment: Do not wear contact lenses. Eye wash and safety shower should be nearby.

Work/Hygenic Practices: Wash hands before eating. Launder contaminated clothing before reuse.

