

Safety Data Sheet

Product Name: Mars NB

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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 12, 2014

Section II - Hazardous Ingredients

Ingredient(s):	CAS No:	OSHA PEL	ACGIH TLV
Sodium Hydroxide	1310-73-2	2 ma/m ³	2 ma/m ³
Potassium Hydroxide	1310-58-3	2 ma/m ³	2 ma/m ³
Sodium Metasilicate Pentahydrate	6834-92-0	15 ma/m ³	10 ma/m ³
Dipropylene Glycol Monomethyl Ether	34590-94-8	100 ppm	100 ppm

HMIS: 301

NFPA: 301

Section III - Physical / Chemical Data

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

Appearance:	Purple	Solubility in Water:	100% Complete
Odor:	Slight	Specific Gravity:	1.05
pH:	> 12	Vapor Pressure:	N/D
Boiling Point:	> 212 (>100) °F (°C)	Vapor Density:	N/D
Melting Point:	N/D °F (°C)	Evaporation Rate:	N/D
			Water = 1
			mm Hg
			Air = 1
			Butyl Acetate = 1

Section IV - Fire And Explosion Hazards

Flash Point: None to IBP °F (°C) (CC) Flammable Limits: N/A 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 with full face piece operated in the positive pressure demand mode and full body protection.

Fire / Explosive Hazards: Can react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc. to release hydrogen gas which is combustible.

Section V - Reactivity Data

Stability: Stable Unstable

Hazardous Polymerization: May occur Will not occur

Incompatibility: Reactive metals such as aluminum & magnesium, organic materials and strong acids.

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: Eyes & Skin: may cause irreversible damage.
Inhalation: may cause damage to nasal & respiratory passages.
Ingestion: may cause damage to mucous membranes and deep tissues.

Carcinogenicity: NTP IARC Monographs OSHA Regulated Not a carcinogen

Signs and Symptoms of Exposure: Irritating to eyes & skin. Burning/redness/irritation.
Ingestion: May cause vomiting, headache and other medical problems.
Inhalation: May cause coughing, sneezing, and upper respiratory irritation.

Conditions Generally Aggravated by Exposure: None known.

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.
Inhalation: Move to fresh air.

Section VII - Precautions for Safe Handling and Use

If Material is Released or Spilled: Contain spill. Neutralize with weak acid and flush with water.

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. Store away from acids.

Other Precautions: Keep Out Of Reach Of Children.

Section VIII - Control Measures

Respiratory Protection: Under normal conditions with adequate ventilation none required. Ventilation: Adequate ventilation

Protective Gloves: For prolonged exposure use rubber gloves. Eye Protection: Proper eye protection is recommended.

Other Protective Equipment: If clothing becomes contaminated remove and launder. Product may cause irritation and burning.

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

