

Safety Data Sheet

Product Name: Commander

page 1/1

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: Jun 15, 2013

Section II - Hazardous Ingredients

Ingredient(s):	CAS No:	OSHA PEL	ACGIH TLV
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³
Monoethanolamine	141-43-5	3 ppm	3 ppm
Sodium Metasilicate Pentahydrate	6834-92-0	15 mg/m ³	10 mg/m ³
Ethylene Glycol Monobutyl Ether	111-76-2	25 ppm	25 ppm

HMIS: 310 NFPA: 310

Section III - Physical / Chemical Data

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

Appearance:	Purple	Solubility in Water:	100% Complete
Odor:	Pine odor	Specific Gravity:	1.07 Water = 1
pH:	> 12	Vapor Pressure:	N/D mm Hg
Boiling Point:	>212 F °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 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.

Fire / Explosive Hazards: None known.

Section V - Reactivity Data

Stability: Stable Unstable Hazardous Polymerization: May occur Will not occur
Incompatibility: Strong oxidizing agents. Corrosive to aluminum, copper and galvanized iron.
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: None known.
None known.
None known.
Carcinogenicity: NTP IARC Monographs OSHA Regulated Not a carcinogen
Signs and Symptoms of Exposure: Eyes: Minimally irritating. May cause vomiting when ingested.
Ingestion: May cause vomiting.
Ingestion: May cause vomiting.

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: 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: Keep Out Of Reach Of Children.

Section VIII - Control Measures

Respiratory Protection: None required.

Ventilation: General

Protective Gloves: None required

Eye Protection: None required

Other Protective Equipment: None required

Work/Hygenic Practices: Wash hands before eating.

