

Material Safety Data Sheet

Product Name: RCD-12

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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: Mar 25, 2011

Section II - Hazardous Ingredients

Ingredient(s):	CAS No:	OSHA PEL	ACGIH TLV
Sodium Hydroxide	N/A	2 mg/m ³	2 mg/m ³
Ethylene Glycol Monobutyl Ether	N/A	25 ppm	25 ppm
Sodium Metasilicate Pentahydrate	N/A	15 mg/m ³	10 mg/m ³

HMIS: 310

NFPA: 310

Section III - Physical / Chemical Data

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

Appearance:	Red	Solubility in Water:	100% Complete	
Odor:	Citrus	Specific Gravity:	1.07	Water = 1
pH:	> 12	Vapor Pressure:	N/D	mm Hg
Boiling Point:	>212 F	Vapor Density:	N/D	Air = 1
Melting Point:	N/D	Evaporation Rate:	N/D	Butyl Acetate = 1

Section IV - Fire And Explosion Hazards

Flash Point: 144 deg F °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: Eyes & Skin: Corrosive to skin. May cause damage if not rinsed with water immediately
Ingestion: May cause damage to soft membrane.
Inhalation: May cause damage to respiratory system if overexposed.

Carcinogenicity: NTP IARC Monographs OSHA Regulated Not a carcinogen

Signs and Symptoms of Exposure: Eyes & Skin: Irritating may cause pain, itching, redness or burning.
Inhalation: Coughing, shortness of breath, wheezing, nausea, dizziness.
Ingestion: Nausea, vomiting, dizziness, upset stomach, cramps.

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: Chemical cartridge respirator if exposure limits are exceeded. Ventilation: General

Protective Gloves: Nitrile, latex or rubber gloves.

Eye Protection: Proper eye protection is recommended.

Other Protective Equipment: None required

Work/Hygenic Practices: Wash hands before eating.