

# Material Safety Data Sheet

Product Name: Pluto

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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: Jan 09, 1996

## Section II - Hazardous Ingredients

Ingredient(s):	CAS No:	OSHA PEL	ACGIH TLV
Tetrapotassium Pyrophosphate	7320-34-5	N/D	N/D
Silicone Dioxide	14808-60-7	N/D	N/D

HMIS: 101

NFPA: 101

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

## Section III - Physical / Chemical Data

Appearance:	Bluish White	Solubility in Water:	66%, 100% Dispersible
Odor:	None	Specific Gravity:	2.72 Water = 1
pH:	6.5 - 8.5	Vapor Pressure:	N/D mm Hg
Boiling Point:	N/D °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: Suitable for surrounding fire.

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: Acidic materials.

Hazardous Decomposition Products: Thermal decomposition may produce toxic phosphorus oxide fumes.

Conditions to Avoid: None known.

## Section VI - Health Hazard Data

Primary Routes of Entry:  Inhalation  Skin Contact  Ingestion

Health Hazards:

Ingestion may cause irritation of mouth, throat, esophagus and stomach

Carcinogenicity:  NTP  IARC Monographs  OSHA Regulated  Not a carcinogen

Signs and Symptoms of Exposure: Irritating to eyes & skin.

Ingestion: May cause vomiting, headache and other medical problems.

Inhalation: May cause coughing, sneezing, and upper respiratory irritation.

Conditions Generally Aggravated by Exposure: Pre-existing 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: Rinse mouth, then drink large amounts of water. Get medical attention.

## 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. Store away from acids.

Other Precautions: Keep Out Of Reach Of Children.

## Section VIII - Control Measures

Respiratory Protection: Chemical cartridge respirator.

Ventilation: Local Exhaust

Protective Gloves: None required

Eye Protection: Chemical goggles

Other Protective Equipment: Eye wash and safety shower should be nearby.

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