

Material Safety Data Sheet

Product Name: **TNT STUF**

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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: May 16, 2015

Ingredient(s):

Sodium Metasilicate Pentahydrate
Cocoamphopropionate
Tetrasodium Ethylene Diamine Tetraacetate

Section II - Hazardous Ingredients

CAS No:	OSHA PEL	ACGIH TLV
6834-92-0	15 ma/m ³	150ma/m ³
68604-71-7	N/D	N/D
64-02-8	N/D	N/D

HMIS: 101

NFPA: 101

Section III - Physical / Chemical Data

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

Appearance: clear colorless liquid
Odor: detergent
pH: 13
Boiling Point: N/A °F (°C)
Melting Point: N/D °F (°C)

Solubility in Water: 100% complete
Specific Gravity: 1.15 Water = 1
Vapor Pressure: N/D mm Hg
Vapor Density: > 1 Air = 1
Evaporation Rate: < 1 Butyl Acetate = 1

Section IV - Fire And Explosion Hazards

Flash Point: None to boiling point °F (°C) (CC) **Flammable Limits:** N/A **LEL:** N/A **UEL:** N/A

Extinguishing Media: Use extinguishing media necessary to extinguish surrounding fire.

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: None known.

Section V - Reactivity Data

Stability: Stable Unstable

Hazardous Polymerization: May occur Will not occur

Incompatibility: Strong Acids such as sulfuric, hydrochloric, hydrofluoric and the like.

Hazardous Decomposition Products: Carbon monoxide & carbon dioxide.

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: Eyes & Skin :May cause irritation and burns if not removed immediately.
Ingestion: May cause vomiting, headache and other medical problems.
Inhalation: May cause dizziness, drowsiness and throat irritation.

Conditions Generally Aggravated by Exposure: Pre-existing eye, skin & respiratory 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.
Inhalation: Move to fresh air.

Section VII - Precautions for Safe Handling and Use

If Material is Released or Spilled: Spills should be absorbed by dirt, sand or other suitable absorbents for disposal. Do not hose spills down drains, sewers or waterways. May be toxic to aquatic organisms.

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: Container may be under pressure. Do not weld empty container, vapors may ignite.

Section VIII - Control Measures

Respiratory Protection: None required under standard conditions with adequate ventilation. **Ventilation:** Local Exhaust
Chemical cartridge respirator if exposure limits are exceeded.

Protective Gloves: Rubber Gloves

Eye Protection: Safety glasses

Other Protective Equipment: Impervious clothing and boots.

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

