Material Safety Data Sheet

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

Section II - Hazardous Ingredients
CAS No: OSHA PEL ACGIH TLV
Sodium Metasilicate Pentahydrate 6834-92-0 15 mg/m³ 150mg/m³
Cocoamphopropionate 68604-71-7 N/D N/D
Tetrasodium Ethylene Diamine Tetraacetate 64-02-8 N/D N/D

Section III - Physical / Chemical Data
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)
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.

Section V - Reactivity Data
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:

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.
Inhalation: May cause dizziness, drowsiness and throat irritation.
Ingestion: May cause vomiting, headache and other medical problems.

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.
Chemical cartridge respirator if exposure limits are exceeded.
Ventilation:
Local Exhaust
Protective Gloves:
Rubber Gloves
Eye Protection:
Safety glasses
Other Protective Equipment:
Impervious clothing and boots.
Work/Hygienic Practices:
Wash hands before eating. Launder contaminated clothing before re-use.