



Safety Data Sheet

Date Prepared: 09/15/2019 Revised from: 10/05/2012 Revision 3

Section 1: Product / Supplier Identification

Product Name: Capitol Fertilizer N-K Blends, N-P-K Blends, Blends with Micro Nutrients

Product Use: Fertilizer

Product Manufacture: Washington Elevator Co., Inc.

7030 West Rd PO Box 156

Washington, MI 48094

586-781-4822 office 586-781-6004 fax

24 Hour Emergency Telephone Numbers: CHEMTREC 1-800-424-9300

Non- Emergency general information 1-586-781-4822

Section 2: Hazards Identification

KEEP OUT OF REACH OF CHILDREN – Harmful if swallowed. Do not inhale dust. Do not allow contact with eyes and skin. When using this product wear long sleeved shirt and long pants with socks and shoes. After using this product remove clothing and launder separately before reuse. Wash hands and exposed skin with soap and water. Primary route of entry are inhalation, eye and skin contact.

Section 3: Composition / Information on Ingredients

Components	CAS-No	% by Weight
Urea	57-13-6	20-70
Muriate of Potash	7447-40-7	5-65
Dibasic Ammonium Phosphate	7783-28-0	5-50
Monobasic Ammonium Phosphate	7722-76-1	5-50
Limestone	1317-65-3	5-35
Ferric Oxide	1309-37-1	1-5
Sulfur	7704-34-9	1-10
Manganese Sulfate	7785-87-7	1-5
Zinc Sulfate	7733-02-0	1-5
Activated Sewage Sludge (Bio solids)	308066-19-5	2-50

Capitol Fertilizer Blends

Section 4: First Aid Measures

- Inhalation: Move victim to fresh air. Seek medical attention if irritation persists.
- Skin Contact: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before reuse.
- Eye Contact: Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.
- Ingestion: Give one glass of water to dilute material. DO NOT induce vomiting. Seek immediate medical attention.

Section 5: Fire Fighting Measures

- Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.
- Flammable Properties: Slow to combust under fire conditions.
- Explosion Potential: Dust at sufficient concentrations may form explosive mixtures with air.
- Hazardous Combustion Products: Combustion can produce toxic fumes and irritating gases.
- Special Firefighting Procedures: Wear full protective clothing and positive pressure self-contained breathing apparatus
- Fire Fighting Procedures: Select appropriate method to surround and extinguish fire.

Section 6: Accidental Release Measures

- Personal Precautions: Avoid contact with skin, eyes and clothing.
- Environmental Precautions: Prevent product from entering storm drains.
- Methods for Containment: Clean up by sweeping ^{and}/or vacuum.
- Methods for Cleanup: If material is uncontaminated collect and reuse as recommended on the label. If material is contaminated put in appropriate containers and dispose.

Section 7: Handling and Storage

- Handling: Avoid container breakage. Avoid inhalation or contact with eyes and skin. Do not contaminate any water source when disposing of equipment wash water. Keep out of lakes streams or ponds. Keep out of reach of children and pets.
- Storage: Store in original containers in clean dry well ventilated place.

Capitol Fertilizer Blends

Section 8: Exposure Controls / Personal Protection

Hazardous Component	ACGIH TLV	OSHA PEL
Urea	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)
Muriate of Potash	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)
Dibasic Ammonium Phosphate	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)
Monobasic Ammonium Phosphate	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)
Limestone	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)
Ferric Oxide	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)
Sulfur	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)
Manganese Sulfate	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)
Zinc Sulfate	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)
Activated Sewage Sludge (Bio solids)	Not Listed	Not Listed

Personal Protective Equipment / Protection Measures / Control:

Respiratory Protection: NIOSH approved particulate respirator – If required.

Eye Protection: Safety glasses with side shields or goggles or face shield are recommended.

Skin Protection: Wear long sleeve shirt, long pants with socks and shoes. Rubber boots and gloves recommended.

Ventilation: Local exhaust ventilation recommended.

Section 9: Physical and Chemical Properties

Appearance and odor: Multi-colored granules (White, Blue, Red, Black, Gray) with slight ammonia / sulfur odor.

pH: Not established. Specific Gravity: 0.9585 g/ml (water = 1).

Melting Point: Not applicable. Solubility in Water: Soluble.

Boiling Point: Not applicable. Partition Coefficient: Not established.

Flash Point: Not flammable. Auto-ignition Temp: Not established.

Evaporation Rate: Not established. Decomposition Temp: Not established.

Flammable Limits: Not flammable. Odor Threshold: Not established.

Vapor Pressure: Not applicable. Viscosity: Not applicable.

Section 10: Stability and Reactivity

Stability: Product is stable.

Conditions to avoid: Heat, ignition sources, accumulation of dust.

Incompatibility: Strong acids, bases, oxidizers.

Hazardous Decomposition Products: Toxic oxides, chlorides and ammonia.

Capitol Fertilizer Blends

Section 11: Toxicological Information

Health Effects: May be irritating to the nose, throat and respiratory tract. Breathing dust may cause sore throat, coughing and shortness of breath. Repeated or prolonged exposures may irritate the skin and may cause dermatitis. May also be irritating to the eyes causing redness and watering. Prolonged eye exposure may cause conjunctivitis and corneal damage.

Carcinogenicity: None of the ingredients are known / listed carcinogens.

Ingredient Toxicity:

Oral:

Urea	14300 mg/kg	
Muriate of Potash	>3020 mg/kg	
Dibasic Ammonium Phosphate	>2000 mg/kg	
Monobasic Ammonium Phosphate	>2000 mg/kg	
Limestone	Not expected to be acutely toxic	
Ferric Oxide	920 mg/kg	
Sulfur	2500 mg/kg	
Manganese Sulfate	920 mg/kg	
Zinc Sulfate	920 mg/kg	
Activated Sewage Sludge (Bio solids)	Not expected to be acutely toxic	

Dermal: None listed.

Inhalation: None listed.

Section 12: Ecological Information

This product is not known to be Eco toxic, persistent or have the potential to bio accumulate.

Section 13: Disposal Considerations

Dispose of in accordance with all local, state and federal regulations. Recover and reuse product whenever possible.

Section 14: Transport Information

This product is not regulated as a transportation hazard.

Section 15: Regulatory Information

SARA Section 311 / 312 Hazard Category: Immediate hazard.

Section 16: Other Information

NFPA: Health 1 Flammability 0 Instability 0

HMIS: Health 1 Flammability 0 Instability 0

This document contains health, safety and environmental information useful to emergency response agencies, health care providers, manufactures and workers. It does not replace the precautionary language or the storage and disposal information on the product label. ALWAYS FOLLOW THE LABEL.

The information contained on this SDS is, to the best of Washington Elevator's knowledge and belief, accurate and reliable as of the date of preparation.