



Material Safety Data Sheet

Trade Name: Blended Fertilizer Products
EPA Reg. No.: None

SECTION 1	CHEMICAL PRODUCT AND COMPANY INFORMATION
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Manufacturer or Formulator: Knox Fertilizer Co., Inc. P.O. Box 248 Knox, IN 46534	Product Name: Blended Fertilizer Products Common Name: Various Names & Analyses Chemical Type: Inorganic Chemical Fertilizer
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SECTION 2	COMPOSITION/INFORMATION ON INGREDIENTS
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Chemical Name/Synonyms	C.A.S. No.	% WT	TLV	PEL
This is a granular blended product that contains one or more of the products listed below:				
		100%	10 mg/m ³	15 mg/m ³ (Nuisance Dust)
Ammonium Sulfate	7783-20-2			
Urea or Coated Urea	57-13-6			
Monoammonium Phosphate	7722-76-1			
Diammonium Phosphate	7783-28-0			
Potassium Chloride	7447-40-7			
Potassium Sulfate	7778-80-5			
Potassium Nitrate	7757-79-1			
Micronutrients	Various			

SECTION 3	HAZARDS IDENTIFICATION
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Ingestion: Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.
Inhalation: Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.
Eye Contact: Dusts from this product may cause particulate discomfort to eyes.
Skin Absorption: Not normally absorbed through the skin.
Skin Contact: Slight dermal abrasion is possible with prolonged contact, especially around cuffs and collars.
Effects of Overdose: Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

SECTION 4	FIRST AID MEASURES
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Ingestion: If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention if condition persists.
Eyes: Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.
Skin: Wash with soap and water. Seek medical attention if condition persists.
Notes to Physician: Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions of the patient.

SECTION 5**FIRE FIGHTING MEASURES**

Extinguishing Media: Use media suitable to extinguish source of fire.

Special Fire Fighting Procedures: Product is not combustible.

Unusual Fire and Explosion Hazards: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH₃, So_x, Po_x or CN

SECTION 6**ACCIDENTAL RELEASE MEASURES**

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. This product is a fertilizer and may promote algae growth.

Steps to be taken in case material is released or spilled: Keep from entering waterways. Sweep up material and place in suitable container for use as a fertilizer or for disposal.

SECTION 7**HANDLING AND STORAGE**

Precautions to be taken in handling and storage: Store in a cool, dry area. Prevent spillage and separate from strong oxidizers. Use normal safety procedures and good personal hygiene. Keep out of the reach of children.

SECTION 8**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ventilation Protection: Adequate ventilation.

Respiratory Protection: Approved dust respirator when necessary.

Protective Clothing: Normal clean work clothing.

Eye Protection: In dusty conditions, safety glasses with side shields or goggles may be necessary.

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: N/A

Density: N/A

Flashpoint: Non-Flammable

pH: N/A

Appearance: Various colored granules; slight odor

Extinguishing Media: Use media suitable to extinguish source of fire.

Solubility in Water: Soluble

% Volatiles (by volume): N/A

Vapor Pressure, mm Hg: N/A

Reaction with Water: N/A

SECTION 10**STABILITY AND REACTIVITY**

Stability (Normal Conditions): Stable

Conditions to Avoid: Extremely high temperatures

Incompatibility (Materials to Avoid): Strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals.

Hazardous Decomposition Products: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH₃, So_x, Po_x or CN

Hazardous Polymerization: Will not occur.

Conditions to Avoid:

SECTION 11**TOXICOLOGY INFORMATION**

SEE: TFI Product Testing Results for component toxicity data.

SECTION 12**ECOLOGICAL INFORMATION**

None Listed

SECTION 13**DISPOSAL CONSIDERATIONS**

Waste Disposal Procedures: Pick up with a shovel and broom and use as a fertilizer by applying to soil using good agricultural and soil management practices.

SECTION 14**TRANSPORT INFORMATION**

Shipping Name: Not regulated by DOT
Hazard Class: None
Reportable Quantity (RQ): None
Labels Required: None
Placard: None

C.A.S. Number: See Ingredients Section
D.O.T. Number: None
Haz Waste No.: None
EPA Reg. No.: None

SECTION 15**REGULATORY INFORMATION**

Carcinogenicity: by IARC?: Yes () No (X) by NTP?: Yes () No (X)

Not on the 302 list of SARA reportable quantities.

SECTION 16**OTHER INFORMATION**

Flash Point: Non-flammable

Flammable Limits:

LOWER

UPPER

N/A

N/A

Autoignition Temperature: Not Applicable

Disclaimer: This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. **NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION HEREIN PROVIDED.** It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

Reviewed by: Regulatory Affairs Department
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