

MATERIAL SAFETY DATA SHEET

**SECTION I
IDENTIFICATION**

CHEMICAL NAME & SYNONYMS: Soluble Fertilizer
 CHEMICAL FAMILY: Inorganic Salts
 PRODUCT USE: FERTILIZER-DRY. FOR FOLIAR OR SOIL APPLICATION.
 TRADE NAME: **18-20-20 YIELD MAX**
 DESCRIPTION: **18% N, 20% P, 20% K**

**SECTION II
CAS & TLV**

INGREDIENTS	CAS NUMBER	THRESHOLD LIMIT VALUE
Potassium Nitrate	7757791	N/A
Monoammonium Phosphate	7722761	N/A
Urea	57136	15.00 mg Co (NH ₂) ₂ /m ³
Ammonium Sulfate	7783202	N/A
Sodium Borate	11130124	10.00 mg B ₂ O ₃ /m ³
Cupric EDTA	14025151	N/A
Sodium Ferric EDTA	15708415	N/A
Manganese EDTA	55448209	5.00 mg Mn/m ³
Sodium Molybdate	7631950	5.00 mg Mo/m ³ Blue
Zinc EDTA	15954980	N/A
Blue Dye	3486304	5.00 mg Bd/m ³

EFFECTS - ACUTE EXPOSURE: Can cause irritation of skin, eyes, and respiratory system.
 EFFECTS - CHRONIC EXPOSURE: Can cause damage to respiratory system, urinary system, blood system, and reproductive system.

**SECTION III
NORMAL
HANDLING
PROCEDURES**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
 PROTECTIVE EQUIPMENT
 RESPIRATORY PROTECTION: Approved respirator per 29 CFR 1910.134
 EYES: Goggles
 GLOVES: Heavy-duty work gloves
 OTHER: Long-sleeved shirts
 VENTILATION REQUIREMENTS
 Adequate to remove dust from the air
 * NOTE - Hands, arms and face should be washed prior to eating, drinking, or smoking.

**SECTION IV
EMERGENCY
AND FIRST AID
PROCEDURES**

INHALATION: Remove to fresh air. Seek medical attention if discomfort continues.
 SKIN: Flush with water. If irritation develops, call physician.
 EYES: Flush with water for 15 minutes. Seek medical attention if irritation persists.
 INGESTION: Seek medical attention immediately.

**SECTION V
FIRE AND
EXPLOSION
HAZARD DATA**

THIS PRODUCT IS NONCOMBUSTIBLE
 This product is not a flammable material, but oxides of nitrogen can be released under intense heat. This product contains an oxidizer and may increase the intensity of a fire.
 Special Firefighting Procedures or Fire Hazard: Wear self-contained breathing apparatus approved by NIOSH. Do not wash material into any streams, waterways, drainage ditches or storm sewers, etc. Impound liquids used in firefighting to prevent entry into streams, ditches, sewers, etc.

**SECTION VI
SPILL AND
LEAKAGE
PROCEDURES**

Remove All Sources of Ignition: Follow OSHA regulations for respirator use (See 29 CFR 1910.134). Shovel or sweep up and reuse. Use approved liquid spray to reduce dust when sweeping or shoveling.
 Waste Disposal Method: Dispose of contaminated product, empty containers and materials used in cleaning up spills and leaks in a manner approved for this Material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

**SECTION VII
SHIPPING DATA**

D.O.T. CLASS IF ANY: N/A

**SECTION VIII
REACTIVITY
DATA**

STABLE: YES INCOMPATIBILITY: NONE CONDITIONS TO AVOID: Avoid contact with oxidizable materials

**SECTION IX
PHYSICAL DATA**

THIS IS A SOLID MATERIAL WHICH IS SOLUBLE IN WATER.
 COLOR & APPEARANCE: PALE BLUE POWDER.