



# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29CFR 1910. Standard must be consulted for specific requirements.

Product: **Agri-Sol 20-10-20 Water Soluble Fertilizer**

**QUICK IDENTIFIER**

Common Name: Agri-Sol 20-10-20

## SECTION 1 - COMPANY INFORMATION

Manufactured For: Agri-Business Technologies, Inc. Telephone Number: 1-800-535-3820  
Address: 1102 Third Avenue Other Information Call: 1-229-436-4677  
City, State, and Zip Albany, Georgia 31707 Date Prepared: 8/8/07

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	EXPOSURE LIMITS	CAS NO.
Potassium Nitrate	N/A	N/A		7757-79-7
Ammonium Nitrate	N/A	N/A		6484-52-2
Monoammonium Phosphate	N/A	N/A		7722-76-1
Boric Acid	N/A	N/A		10043-35-3
Zinc EDTA	N/A	N/A		14025-21-9
Manganese EDTA	N/A	N/A		15375-84-5
Copper EDTA	N/A	N/A		14025-15-1
Iron EDTA	N/A	N/A		15708-41-5
Sodium Molybdate	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>		7631-95-1

## SECTION 3- PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: N/A °F Specific Gravity: 1.5 - 2.1 Vapor Pressure: N/A

Vapor Pressure: N/A Reactivity in Water: Soluble Melting Point: In excess of 200 C

Appearance and Odor: White to bluish crystalline powder

## SECTION 4- FIRE & EXPLOSION DATA

Flash Point: N/A °F Method Used: N/A  
Flammable Limits in Air: N/A LEL Lower: UEL Upper:  
Auto-Ignition Temp: N/A Extinguisher Media: **Water.** Use Media to Control Surrounding Fire

Special Fire Fighting Procedures: Wear positive pressure self contained breathing apparatus, and full protective clothing.

Procedures:

Unusual Fire and

Explosion Hazards: Avoid fumes from fire. Evacuate nonessential personnel from area.

## SECTION 5- PHYSICAL HAZARDS (REACTIVITY DATA)

Stability:  Stable  Unstable Conditions to Avoid: Temperatures over 200 C

Incompatibility

Materials to Avoid!: These materials may be corrosive

**SECTION 5- PHYSICAL HAZARDS (REACTIVITY DATA)..Continued**

Hazardous Decomposition Products: Nitrous Oxides, Ammonia

Hazardous Polymerization: May Occur:  Will Not Occur:

Conditions to Avoid: Temperatures over 200 C may lead to decomposition.

**SECTION 6- HEALTH HAZARDS**

**ACUTE:** Toxic by ingestion. Seek medical attention immediately. Can cause irritation of skin, eyes, and respiratory system.

**CHRONIC:** Can cause damage to respiratory system, blood system, reproductive system, and urinary system.

CARCINOGEN \_\_\_\_\_ NTP \_\_\_\_\_ OSHA \_\_\_\_\_  
LISTED IN: \_\_\_\_\_ IARC MONOGRAPH X NOT LISTED

**ROUTES OF ENTRY AND EMERGENCY FIRST AID PROCEDURES**

1. Inhalation: Remove to fresh air. Seek medical attention immediately.

2. Eyes: Flush with water for 15 minutes. Seek medical attention.

3. Skin: Flush with water. If irritation develops, call physician.

4. Ingestion: Drink large amounts of water, seek medical attention immediately.

**SECTION 7- SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

**Precautions to be Taken**

**Handling and Storage:** Do not store near combustible materials. Avoid contact with eyes and skin. Wash thoroughly after handling. Keep container closed and away from heat, sparks, and flame. **KEEP OUT OF REACH OF CHILDREN.** Product contains boron and molybdenum. Certain crops and livestock are sensitive to these elements.

**Other Precautions:** \_\_\_\_\_

**Steps to be taken in case of Release or Spill:** Sweep or shovel up spilled material. Prevent large quantities from entering drinking water supplies or streams.

**Waste Disposal**

**Method:** Dispose of contaminated product, empty containers and materials used in approved landfill disposal facility in accordance with federal, state, and local regulations. Apply as fertilizer to field.

**SECTION 8- CONTROL AND PROTECTIVE MEASURES**

**Respiratory Protection:** NIOSH/MSHA - approved respirator per 29 CFR 1910.134

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**Protective Gloves:** Heavy duty gloves

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**Eye Protection:** Goggles

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**Other Protective Clothing or equipment:** Long-sleeved shirts

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**Hygienic Work Practice** Follow recommendations of Section 7. Wash hands and face before eating, drinking, or smoking.

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**SECTION 9- TRANSPORT AND REGULATORY INFORMATION**

**MATERIAL IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION**

**Proper Shipping Name:** None

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**Hazard Class Number:** None

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**Description:** None

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**UN Identification**

**Number:** None

\_\_\_\_\_

**Packing Group:** None

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**DOT Label(s) Required:** None

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**NFPA CODE: Health = 1      Flammability = 0      Reactivity = 2**

**Toxicity:**

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**Notes:** This product is not regulated by EPCRA or any of the provisions of SARA Title III.

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**Emergency Phone – CHEMTREC – 1-800-424-9300**