



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 20-20-20 Water Soluble Fertilizer**

QUICK IDENTIFIER

Common Name: Agri-Sol 20-20-20

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
Urea	N/A	N/A		0057-13-6
Monoammonium Phosphate	N/A	N/A		7722-76-1
Monopotassium Phosphate	N/A	N/A		7778-77-0
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/m3	5 mg/m3		7631-95-1

SECTION 3- PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: N/A °F

Specific Gravity: 1.5 - 2.1

Vapor Pressure: N/A

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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.

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, reporductive 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

Protective Gloves: Heavy duty gloves

Eye Protection: Goggles

Other Protective Clothing or equipment: Long-sleeved shirts

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

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

Hazard Class Number: None

Description: None

UN Identification Number: None

Packing Group: None

DOT Label(s) Required: None

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

Toxicity:

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

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