Product Name: **Clear Liquid Fertilizer, 8-2-6 with minors**

MATERIAL SAFETY DATA SHEET

Chemical Name: Liquid Fertilizer 8-2-6 with minor elements.

Shipping Name: Clear liquid fertilizer, 8-2-6 with minor elements

CAS Numbers of major components:		
	Ammonium nitrate	6484-52-2
	Potassium nitrate	7757-79-1
	Magnesium nitrate	10377-60-3
	Phosphoric Acid	7664-38-2

The major hazardous component of this material is corrosive.

Liberty Acres EMERGENCY CONTACTS DATE:4/25/07
1340 Harry Byrd Highway
P.O.BOX 437 800-597-8903
Darlington, SC 29540 843-395-2120

The information provided herein is compiled from internal reports and data from professional publications. IT IS FURNISHED WITHOUT WARRANTY OF ANY KIND. EXPRESS OR IMPLIED. It is intended in evaluating the suitability and proper use of the material in manufacturing and the development and implementation of safety precautions and procedures.

HAZARDOUS INGREDIENTS

This product is an acidic liquid fertilizer containing nitrogen, phosphate, potassium, magnesium, boron, iron, sulfur, copper, zinc, manganese, and molybdenum.

PHYSICAL DATA

Appearance: clear	pH: 0.76
Viscosity: about 25cps	Odor: none
Boiling Point: about 215F	Melting Point: N/A
Vapor Density: same as water	Freezing Point: N/A
Percent Volatile: 60%	Vapor Pressure (mm Hg): N/A
Evaporation Rate: unknown	Solubility In Water: infinite

Composition: Nitrogen as N = 8.0%, Phosphorus as P_2O_5 = 2.0% , Potassium as K_2O =6%, Magnesium as Mg = 1.0%, Boron as B = 0.020%, iron as Fe = 0.02%, Sulfur as S = 0.02%, Copper as Cu = 0.01%, Zinc as Zn = 0.02%, Manganese as Mn = 0.045%, Molybdenum as Mo = 0.001%
Specific Gravity (Water = 1) = 1.228

FIRE AND EXPLOSION HAZARD DATA

Flash Point: DO NOT DRY OR EVAPORATE IN A MICROWAVE OVEN.
Auto Ignition Temperature: NA

Lower Explosion Limit: NA Upper Explosion Limit: NA

Extinguishing Media:

_X_ Foam ___ Alcohol Foam
_X_ Dry Chemical _X_ Water Fog
_X_ Carbon Dioxide ___ Other ( )

Special Fire Fighting Procedures: None known

Unusual Fire and Explosion Hazards: None known, this product is a water based fertilizer solution and will not burn. DO NOT attempt to dry the product in a microwave, fire or damage to the microwave oven could occur.

Health Hazards Data

ROUTES OF ENTRY

SKIN CONTACT _X_ EYE CONTACT _X_
INHALATION _NA INGESTION _X_

EFFECTS OF OVER EXPOSURE

Inhalation: NA
Eye Contact: Severe Irritation
Skin Contact: Irritation
Ingestion: Same as a strong acid

FIRST AID PROCEDURES

Eyes: Wash with water, treat as an acid seek medical attention.
Skin: Avoid exposure to an open wound, wash with water.
Ingestion: Seek immediate medical attention.
Inhalation: NA

Listed As Carcinogen By

National Toxicology Program: NA I.A.R.C. Monographs: NA NA OSHA: NA

REACTIVITY DATA

STABILITY - _X__ Stable ____ Unstable

Conditions To Avoid: NA

Materials To Avoid: Metals that react with acids, such as aluminum, magnesium, iron ,copper, and other reactive metals.

Hazardous Decomposition Products: NA

Hazardous Polymerization Conditions For Polymerization

___ May Occur

_X_ Will Not Occur

Incompatibility (Materials to Avoid)

Do not mix with strong acids or oxidizing agents, such as nitric acid, sulfuric, or hydrochloric acid or water soluble or insoluble organic compounds.

Spill or Leak Procedures

Precautions: This should be treated as an acid.

Clean Up Procedure: Mop up or flush to drain, rinse affected area with water.

Waste Disposal Methods: In the event of a major spill, neutralization to a specific pH before disposal to the sewer is recommended. Contact appropriate Environmental agencies before discharging.

Special Protection Information

Ventilation Type: NA
Respiratory Protection: NA
Protective Gloves: Yes
Eye Protection: Goggles
Other Protective Equipment: None required

Storage and Labeling

Maximum Storage Temperature: Keep below 212F

Indoors: NA

Heated: NA

Refrigerated: NA

Outdoors: NA

Storage Notes: Use standard chemical handling procedures, and avoid excessive heat during storage. Use polymer or 316 Stainless Steel storage equipment including piping, valves, etc. This product will attack mild steel, aluminum, copper, and copper alloys.

Toxicity Data

Oral: None known.

Dermal: None known.

Skin Irritation: Same as strong acid.

Eye Irritation: Same as a strong acid.

Teratogenicity: None known.

Miscellaneous Information

This product should be handled with the normal care that should be used when handling chemicals.