

# MATERIAL SAFETY DATA SHEET

GROWERS FERTILIZER CORP.

Emergency Phone: 800-343-1101  
 Growers Fertilizer Corp.  
 312 N. Buena Vista Dr.  
 Lake Alfred, FL 33850  
 Issue Date: May 22, 2009

GFC Liquid Fertilizer

## 1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT NAME: GFC Liquid Fertilizer  
 EPA Reg. No.: N/A  
 CHEMICAL FAMILY: Foliar Fertilizer  
 ACTIVITY: 0-16% N, 0-4% P, 0-8% K, 0.1-5% Mg, 0-0.01% B, <6.35% Cl, 0-0.1% Cu, 0-5% Fe, 0-1% Mn, 0-1% Zn

D.O.T. CLASS: Not Regulated by D.O.T.  
 COMPANY IDENTIFICATION:

Growers Fertilizer  
 Corp. 312 N. Buena  
 Vista Dr. Lake Alfred,  
 FL 33850

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients:	None known
Chemical Name:	N/A
Material Contains One or more of the following:	Ammonium Nitrate, Mg, Chelate, Muriate of Potash, Na Glucoheptonate, Citric Acid, Mg Nitrate, Phosphoric Acid, Cu Sulphate, Mg Nitrate, Na Borate, Fe Sulfate, Mn Sulfate, Zn Sulphate, Fe Glucoheptonate, Na Borate, Mg Glucoheptonate, Potassium Nitrate, Ammonium Polyphosphate, Urea

## 3. PHYSICAL DATA

Bulk Density	N/A
Melting Point	N/A
Boiling Point	>100 degrees C
Freezing Point	< 0 degrees C
Vapor Pressure	N/A
pH	Not listed
Water Solubility	100%
Evaporation Rate	<H2O
Appearance and odor	Dark liquid, phenolic odor
Specific Gravity	Not listed

## 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point	Non-combustible
Flammable Limits	N/A
Extinguishing Media	Will not support combustion

	Wear approved self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards	Containers exposed to fire may rupture violently. Use water spray to keep exposed containers cool.

## 5. REACTIVITY DATA

Stability	Stable
Conditions to avoid	Excessive heat; >120° F
Incompatibility (Material to Avoid)	Strong base materials
Hazardous Decomposition Products	Thermal decomposition can form nitrogen oxides.
Hazardous Polymerization	Will not occur.

## 6. HEALTH HAZARD INFORMATION

Permissible Exposure Limit (PEL)	None established.
Routes of Entry	Skin exposure, eyes, ingestion (orally)
Toxicity Data	None found
Overexposure: Short Term	May cause irritation of skin, eyes, nose, or throat
Eye Contact	May cause eye irritation. Immediately flush eyes with copious amounts of water for at least 15 minutes. Call a physician if irritation persists.
Skin Contact	May cause moderate aggravation. Wash contaminated areas with copious amounts of water. If skin irritation persists, consult a physician.
Ingestion	May produce nausea, vomiting, and abdominal discomfort. If swallowed, Do not induce vomiting: give 1 or 2 glasses of milk or water. Contact a physician.

## 7. HANDLING, SPILL, LEAK, AND DISPOSAL PROCEDURES

Environmental Precautions	Large spills could kill vegetation or cause illness
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	in animals. Contamination of waterways may cause fish kill. Prevent large quantities from contacting vegetation or waterways. Keep animals away.
If Uncontaminated	Collect and use as intended
If Contaminated	Containerize for disposal in an approved waste facility
Waste Disposal Method	Dispose of in accordance with applicable local, State and Federal regulations. Material may be flushed with water to an appropriate wastewater treatment system.
Handling and Storage	Store in original container in a cool, dry area, Keep out of reach of children and domestic animals. Store separately from feed and food so that cross contamination does not occur.

10. Note to Physician: In the event of adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient. Ingestion may result in corrosive damage to the digestive tract.

*The information presented herein is believed to be factual; however, nothing contained in this information is to be taken as a warranty or representation for which Growers Fertilizer Corp. bears legal responsibility. It is offered solely for your consideration, investigation and verification.*

8. SPECIAL PRECAUTIONS: No unusual precautions

9. SPECIAL PROTECTION INFORMATION

Respiratory	NIOSH/MSHA approved for .mist Use with adequate ventilation and employ respiratory protection when exposure to mist and spray is possible
Ventilation	N/A Have adequate ventilation
Eyes	Side-shield safety glasses or goggles
Skin	Clean, body-covering clothing should be worn to prevent irritation in situations where direct contact with product may occur. Wash contaminated clothing with detergent and warm water prior to reuse.
Other Protective Equipment	Emergency eye wash stations.