

AGRO-CULTURE LIQUID FERTILIZERS

MATERIAL SAFETY DATA SHEET

A. GENERAL INFORMATION

Trade name: Nutritional Foliar

Chemical Name: 4% N-Nitrogen, 1% P₂O₅-Phosphate, 2% K₂O-Potash or Potassium

Address: C.O.G. Marketers, LTD.
3055 W. M-21
St. Johns, MI 48879

Contact: Production Manager

Phone: (989) 224-4117 or 1-800-678-9029
After Business Hours - (989) 224-2562

Revised Date: May 27, 2008

B. FIRST AID

Eye Contact: Flush eyes immediately and thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.

Skin Contact: Flush skin immediately and thoroughly with water. If irritation persists, get medical attention.

Inhalation: Generally not considered an inhalation hazard.

Ingestion: If conscious, immediately give large quantities of water and induce vomiting. Consult a physician.

C. HAZARDS INFORMATION - HEALTH

Inhalation: If misty condition prevails, may irritate.

Ingestion: Large doses of ammonium salts may give diarrhea or diuresis. Low oral toxicity.

Skin: Low skin irritation potential. (pH 6.4 to 6.7)

Eyes: Low eye irritation potential. (pH 6.4 to 6.7)

C. HAZARDS INFORMATION - FIRE & PROTECTION

Unusual fire and explosion hazards:

When heated, it may give off ammonia fumes. (This material is a fire retardant)

D. PRECAUTIONS-PROCEDURES

Fire extinguishing agents recommended:

All standard agents are acceptable.

Special fire fighting precautions:

Due to possible evolution of ammonia, wear self contained breathing apparatus approved by Niosh. Use water spray to keep containers cool.

Ventilation: Unless heated to evolve ammonia or misted by heat, agitation, or spraying, natural ventilation should be adequate.

Normal Handling: Avoid breathing mist, if any should be formed. Minimize contact of liquid with eye, skin, and clothing. Use good personal hygiene and housekeeping.

Storage: Avoid using containers, pipes and fittings made of aluminum, mild steel, zinc-clad or copper bearing alloys.

Spill or Leak: Contain spills and maximize recovery. Mop up or pump up promptly into metal or plastic drum. (Caution should be exercised in the area of spilled material since Nutritional Foliar can cause a slippery condition.)

E. PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Respirators are not required under normal ventilated conditions.

Eyes and Face: Safety glasses are recommended.

Hands, Arms, & Body: Rubber coated gloves and clothing which minimize skin exposure are recommended if there is prolonged or repeated exposure of skin to liquid.

F. PHYSICAL DATA

Material is: Liquid (at normal conditions.)

Appearance & Odor: Green odorless liquid.

Specific Gravity: 1.105

pH: 6.4 – 6.7

G. ENVIRONMENTAL

EPA Hazardous substance: NO