



The Family of Gain Fertilizers

Bougainvillea Growers International

25-JUL-2013 15:13:03

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CHEMTREC: 800-424-9300

Material Safety Data Sheet

Effective Date: 24-JUL-2013

Product: Grow & Gain All Purpose Liquid Fertilizer 10-10-5 (BGI)

I. IDENTIFICATION

Chemical Name: Inorganic Liquid Fertilizer
Chemical Family: Inorganic Salt Mixture
Formula: Formulated blend of inorganic salts
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: >225 Degrees F.
Freezing Point: <32 Degrees F.
Spec Gravity: 1.22 g/ml
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility: 100%
Volatiles: Not determined
Evaporation: Not determined
Melting Point: Not applicable
Appearance: Clear to green liquid with slight odor.

III. INGREDIENTS

Material CAS Number Percent TLV Hazard

Plant nutrients derived from 100.00 N/E Skin & eye
Muriate of Potash, Phosphoric irritant.
Acid, Urea, Iron Chelate EDTA,
Manganese EDTA, Zinc EDTA.
Guaranteed Analysis (refer to
label for complete analysis):
Total Nitrogen (N): 10.00%
Available Phosphorus (P2O5): 10.00%
Soluble Potash (K2O): 5.00%

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Not flammable
Autoignition Temp: Not applicable
Flammable Limit: Not applicable
Extinguishing Media: Non-combustible liquid. Use water spray, foam,
carbon dioxide or dry chemical extinguishing
agents.

Special Fire Fight Proc: Wear self-contained breathing apparatus and

full protective clothing.

Fire and Expl Hazard: May emit toxic fumes or vapors under fire conditions.

V. HEALTH HAZARD

Carcinogen Information: Not currently listed.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: If swallowed, may irritate the mouth, throat and digestive tract. Nausea, vomiting and diarrhea may occur if large volumes are ingested.

Skin Absorption: No toxic effects anticipated due to skin absorption.

Inhalation: Inhalation of spray mists may cause irritation of the respiratory tract.

Skin contact: Skin irritation may occur after prolonged or repeated contact.

Eye Contact: Eye contact may result in irritation or a burning sensation.

Chronic Effects: None currently known.

Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Immediate give large quantities of water to drink and induce vomiting. Seek immediate medical attention.

Skin: Wash affected area with soap and water. If irritation develops, seek medical treatment.

Inhalation: Move to fresh air. If irritation develops, seek medical attention.

Eyes: Immediately flush eyes with water for at least 15 minutes, holding eyelids open. If irritation develops, seek medical treatment.

Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid exposure to excessive heat.

Polymerization: Will Not Occur

Conditions to Avoid: None currently known.

Incompatibility material: Avoid contact with zinc and copper-bearing alloys. Do not store with water reactive materials.

Hazardous Combustion: May produce toxic and irritating vapors under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain spills to minimize environmental impact. Recover uncontaminated material and reuse. If contaminated, collect using an inert absorbent and place in suitable containers for proper disposal.

Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: None needed under normal use conditions.

Ventilation: Local exhaust normally sufficient.

Gloves: Impervious gloves.

Eyes: Splashproof goggles.

Other: Eyewash station, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, ponds or drains.

Other precaution: Minimize contact with liquid. Use good personal hygiene and housekeeping measures.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT for highway transport.

Hazard Class: None

Identification No: None

Labels Required: None required

Placarding: None

Freight Class: Fertilizing Compound, (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70)

Chemical Name Equivalent R.Q.

Phosphoric Acid 5,000 lbs.

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:

(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum

Health: 1 Fire: 1 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N

Sudden Release of pressure: N Fire: N

Reactive: N

Manufactured for: BGI, Inc., 7401 Stringfellow Rd., St. James City, FL 33956
Bougainvillea Growers International believes that the data contained herein is factual.

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