# MATERIAL SAFETY DATA SHEET COMPANION ® LIQUID BIOLOGICAL FUNGICIDE

# Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company :

Phone Number: Chemical Name / Common Name: EPA Registration No. Product Use: Growth Products, Ltd. 80 Lafayette Avenue White Plains, NY 10603 800-648-7626 Bacillus subtilus GB03 71065 -3 Biological Fungicide

# Section 2 – HAZARDOUS INGREDIENTS

% ACTIVE INGREDIENT: Bacillus subtilis GB03 0.03%

% OTHER INGREDIENTS: Trade Secret 99.97%

### Section 3 – PHYSICAL DATA

Appearance: Color: Odor: Weight Per Gallon: Storage Life at 70F: pH – 21C: Water Solubility: Thick Solution Medium Brown Organic Sweet Odor 9.8 lbs. at 21C >18 Months 5.5 Completely Miscible

Evaporation Rate: Boiling Point: Freezing Point: Viscosity: Specific Gravity Flash Point/Method: Vapor Pressure: Same as Water 212 Deg. F 20 Deg. F 32 Cps @21 Deg. C. 1.176 Noncombustible N/A

CAS#: 68038-70-0

CAS# None

### Section 4 – FIRE AND EXPLOSION HAZARD

Flash Point
Flammable Limit
Extinguishing Media
Special Fire Fighting Procedures
Unusual Fire and Explosion Hazards

Noncombustible N/A Does Not Burn None None

# Section 5 – HEALTH HAZARD INFORMATION

# EFFECTS OF OVEREXPOSURE ACUTE (SHORT TERM EXPOSURE):

Repeated contact may cause moderate irritation and dermal and respiratory sensitization

### CHRONIC (LONG TERM EXPOSURE):

None known

# Section 6 – Emergency and First Aid Procedures

INHALATION:	Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
EYE CONTACT:	Flush eyes with plenty of water. Call a physician if irritation persists
SKIN CONTACT:	Wash with plenty of soap and water. Get medical attention if irritation persists.

#### Section 7: TOXICITY INFORMATION

#### ACUTE TOXICITY (LETHAL DOSES)

DERMAL LD 50:

0.5 ml dose level for rabbits

### ACUTE TOXICITY (IRRITATION, SENSITIZATION)

EFFECTS TO EYES:	No corneal or iridal effects were noted at a dose of 0.1 ml for rabbits
EFFECTS TO INGESTION:	Non toxic or pathogenic
EFFECTS TO SKIN:	Moderate irritation, reversible within 7 days
CARCINOGENICITY DATE:	N/E

### Section 8: REACTIVITY DATA

Stable

**CONDITIONS TO AVOID:** 

# N/E HAZARDOUS DECOMPOSITION PRODUCTS OF DRY MATERIAL: CO, CO2, NH3

**HAZARDOUS POLMERIZATION:** Will not occur

### Section 9: SPECIAL PROTECTION INFORMATION

**PROTECTIVE GLOVES:** Waterproof Gloves

**EYE PROTECTION:** 

Long sleeved shirt

None

## **RESPIRATORY PROTECTION OR REQUIRED VENTILATION:**

Wear NIOSH approved dust respirator

**OTHER PROTECTION:** 

### Section 10 – SPILL AND LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Prevent product from entering drinking water supplies. Collect liquid or solidify with absorbent material and package for disposal according to local, state, and federal regulations.

### WASTE DISPOSAL PRECEDURES:

This product is likely to have a pH less than 8.5 and would not be considered a federal hazardous waste according to EPA regulation 40CFR 261. Dispose in accordance with state and local regulation.

### **REPORTABLE QUANTITY UNDER CERCLA: N/A**

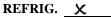
Section 11 – STORAGE	AND HANDLING	<b>INFORMATION</b>
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# **STORAGE TEMPERATURE:**

MAX  $100^{\circ}$  F  $32^{\circ} F$ MIN

INDOOR 🗸

OUTDOOR 🗶



# PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a dry place out of direct sunlight and away from heat sources. Keep from overheating or freezing.

# Section 12 – TRANSPORTATION INFORMATION

**DOT UN STATUS:** This material is not regulated hazardous material for transportation

### **OTHER PRECAUTIONS:**

Read entire label before using

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**ABBREVIATIONS:** 

N/E – NOT ESTABLISHED

N/A – NOT APPLICABLE

9/16/2011