



## MATERIAL SAFETY DATA SHEET

Garden Pro Berry and Tree Fruit 10-6-9

MSDS Date of Issue: 12/29/09

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Garden Pro Berry and Tree Fruit 10-6-9  
**PRODUCT CODE(S):** 7145153

**MANUFACTURER:** TerraLink Horticulture Inc.  
**ADDRESS:** 464 Riverside Road, Abbotsford, BC. Canada V2S 7M1  
**PHONE:** 604-864-9044

**24 HOUR CEDA EMERGENCY PHONE:** 604-540-4100  
**CHEMICAL SPILLS:** 800-663-3456

**PRODUCT USE:** Fertilizer  
**PREPARED BY:** Regulatory Affairs  
**REVISION DATE:** October 14, 2010.

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>REPORTABLE INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>EXPOSURE LIMITS OSHA PEL-TWA</u>	<u>% VOL/WT</u>
<b>Sipernat</b> Quartz silica	14808-60-7	0.025 mg/m <sup>3</sup>	0.4
<b>Terra Green</b> Montmorillonite	1302-78-9	3 mg/m <sup>3</sup>	0.8
Quartz (crystalline silica)	14808-60-7	N/AV 0.025 mg/m <sup>3</sup>	
<b>Boron</b>	1330-43-4	2mg/m <sup>3</sup> (rat) 1200mg/kg	0.4

### SECTION 3: HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

**ROUTES OF ENTRY:** Eyes, inhalation.

#### ACUTE HEALTH EFFECTS

**EYES:** Solid particles are likely irritating as "foreign objects". Some tearing, blinking and mild temporary pain may occur as the solid material is rinsed from the eye(s) by tears.

**SKIN:** Dusts and mists are not expected to be irritating based on pH

**INGESTION:** Ingestion in very large amounts may cause nausea and vomiting. Ingestion is not a typical route of occupational exposure.

**INHALATION:** The dusts and mists (from solutions) may be irritating to nose and throat. High concentrations of dust may cause coughing and mild, temporary irritation.

**CHRONIC HEALTH HAZARDS:** In general, long-term exposures to high concentrations of dust may cause increased mucous flow in the nose and respiratory system airways. This condition usually disappears after exposure stops. Controversy exists as to the role exposure to dust has in the development of chronic bronchitis. Other factors such as smoking and general air pollution are more important, but dust exposure may also contribute.

**CARCINOGENICITY:** Blend is not carcinogenic.

## MATERIAL SAFETY DATA SHEET

Garden Pro Berry and Tree Fruit 10-6-9

MSDS Date of Issue: 12/29/09

---

### SECTION 4: FIRST AID MEASURES

---

**EYES:** Do not let victim rub eyes. Immediately flush eye(s) with lukewarm, gently running water for at least 20 minutes while holding the eyelid(s) open. If irritation persists, obtain medical advice.

**SKIN:** Flush with lukewarm, gently flowing water until the chemical is removed. Remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts, etc.). Obtain medical attention if pain or irritation develops or persists. Completely decontaminate clothing, shoes and leather goods before re-use or discard.

**INGESTION:** Not normally ingested. **NEVER** give anything by mouth if victim is rapidly losing consciousness, is unconscious or convulsing. If irritation or discomfort occurs obtain medical advice immediately.

**INHALATION:** Remove source of contamination or have victim move to fresh air. Obtain medical advice immediately.

---

### SECTION 5: FIRE-FIGHTING MEASURES

---

**EXTINGUISHING MEDIA:** Does not burn. Use extinguishing media for surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** NAB

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NE

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition at high temperatures may produce very toxic or corrosive sulphur dioxide and other sulphur oxides.

---

### SECTION 6: ACCIDENTAL RELEASE MEASURES

---

**ACCIDENTAL RELEASE MEASURES:** Restrict access to area until completion of clean-up. Provide adequate personal protective equipment and ensure clean-up is conducted by trained personnel only. Ventilate area. Remove any reactive chemicals from the area.

**SECTION 6 NOTES:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

---

### SECTION 7: HANDLING AND STORAGE

---

**HANDLING AND STORAGE:** Store in cool dry place away from children, feed and food products, and seed.

**OTHER PRECAUTIONS:** May be toxic to fish and other aquatic organisms. Do not contaminate water supplies by handling and storage of product. Drift or runoff may adversely affect aquatic invertebrates and non-target plants.

---

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**ENGINEERING / VENTILATION CONTROLS:** Use local exhaust ventilation to control dust or mist. Supply sufficient replacement air to make up for air removed by exhaust system, process of personnel enclosure and control of process conditions.

**RESPIRATORY PROTECTION:** For operations where the exposure limit may be exceeded, a NIOCH/MSHA approved high efficiency particulate respirator is recommended.

**EYE PROTECTION:** Dust or splash-proof chemical safety goggles or face shield.

**SKIN PROTECTION:** Rubber or Nitrile gloves, long sleeve shirt and pants or coveralls, boots and/or other resistant protective clothing. Have a safety eyewash fountain readily available in the work area.

## MATERIAL SAFETY DATA SHEET

Garden Pro Berry and Tree Fruit 10-6-9

MSDS Date of Issue: 12/29/09

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

ODOR:

PHYSICAL STATE:

pH AS SUPPLIED: NAb

pH (Other): NAb

BOILING POINT: NAb

MELTING POINT: NAb

FREEZING POINT: NAb

VAPOR PRESSURE (mmHg): NAb

VAPOR DENSITY (AIR = 1): NAb

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): NAb

EVAPORATION RATE: NAb

BASIS (=1): NAb

SOLUBILITY IN WATER: NAb

PERCENT SOLIDS BY WEIGHT: NAb

PERCENT VOLATILE: NAb

VOLATILE ORGANIC COMPOUNDS (VOC): NAb

WITH WATER: NAb LBS/GAL

WITHOUT WATER: NAb LBS/GAL

MOLECULAR WEIGHT: NAb

VISCOSITY: NAb

### SECTION 10: STABILITY AND REACTIVITY

STABILITY: Normally stable.

CONDITIONS TO AVOID (STABILITY): NE

INCOMPATIBILITY (MATERIAL TO AVOID):

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition at high temperatures may produce very toxic or corrosive sulphur dioxide and other sulphur oxides.

HAZARDOUS POLYMERIZATION: Not likely to occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NAb

### SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Drift or runoff may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment wash water. Do not apply when weather conditions favour drift from target area.

SECTION 12 NOTES: May be toxic to fish and other aquatic organisms. Do not contaminate water supplies by handling and storage of product. Drift or runoff may adversely affect aquatic invertebrates and non-target plants.

### SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to local, provincial and federal government requirements.

RCRA HAZARD CLASS: NA

### SECTION 14: TRANSPORT INFORMATION

CANADIAN TDG DESCRIPTION (Road and Rail): Not regulated for transport by Road/Rail in Canada. Contact manufacturer for updates to transport information.



# MATERIAL SAFETY DATA SHEET

Garden Pro Berry and Tree Fruit 10-6-9

MSDS Date of Issue: 12/29/09

## SECTION 15: REGULATORY INFORMATION

### WHMIS HAZARD CLASS:

**SECTION 15 NOTES:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

## SECTION 16: OTHER INFORMATION

### ADDITIONAL INFORMATION:

Abbreviations used throughout the MSDS are: NA = Not available  
NAb = Not available for blend  
NAp = Not applicable  
N/E = None established

Company references utilized in preparation of the MSDS.

### DISCLAIMER:

.....  
**Terralink Horticulture Inc. provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose. TERRALINK HORTICULTURE INC. MAKES NO REPRESENTATIONS OR WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATIONS SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, TERRALINK HORTICULTURE INC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM THE USE OF OR RELIANCE UPON THIS INFORMATION.**  
.....