

MATERIAL SAFETY DATA SHEET**1. PRODUCT AND COMPANY IDENTIFICATION****TERRA-BOOST 0-0-6+2S**

Agricultural Liquid Fertilizer

Manufacturer / Supplier

Terralink Horticulture Inc.
 464 Riverside Road,
 Abbotsford, BC. Canada. V2S 7M1
 Ph: 604-864-9044
 Fax: 604-864-8418

CEDA Emergency Response Team
24 Hr. Emergency Telephone Numbers
604-540-4100 Chemical Spills: 1-800-663-3456

2. HAZARDOUS INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS#</u>	<u>TLV</u>	<u>LD₅₀</u> (oral)	<u>LC₅₀</u>
<u>Non-hazardous Ingredients</u>				
Extract from Algae	N/AV	N/AV	N/AV	N/AV
KTS Potassium thiosulphate	10294-66-3	N/AV	(rat)>5000mg/kg	N/AV
Water	7732-18-5			

3. PHYSICAL DATA

Physical state: liquid

Specific gravity: N/AP

Boiling point: N/AP

Melting point: N/AP

Appearance and Odour: dark brown liquid, mild oceanic or sulphur odour

Odour Threshold (ppm): N/AP

Vapour Density: N/AP

Vapour Pressure (mmHg): N/AP

pH: N/AP

Evaporation Rate: N/AP

Coefficient of Water/Oil Distribution: N/AP

4. FIRE AND EXPLOSION DATA

Flammability under which conditions: N/AP

Means of Extinction: N/AP

Flashpoint: N/AP

Autoignition Temperature: N/AP

Hazardous Combustion Products: N/AP

Upper Flammable Limit (% by volume): N/AP

Lower Flammable Limit (% by volume): N/AP

Explosion Data – Sensitivity to Impact: N/AP

Explosion Data- Sensitivity to Static Discharge: N/AP

5. REACTIVITY DATA

Chemical Stability: liquid, normally stable

Incompatibility with Other Substances: Oxidants and acids may cause degradation. Avoid excessive heat or freezing.

Hazardous Decomposition Products: N/AP

6. TOXICOLOGICAL PROPERTIES

Routes of Entry

Skin Contact: Y **Skin Absorption:** N **Eye Contact:** Y **Inhalation:** N **Ingestion:** Y

Effects of Short-Term (Acute) exposure to Product: If in eyes, may cause redness and discomfort. If on skin, may cause very slight to well-defined erythema without adema on skin. Repeated, prolonged exposure may cause allergic reactions in susceptible persons. If ingested in significant amounts it may cause nausea and discomfort.

Effects of Long-Term (chronic) exposure to Product: none reported

Irritancy: YES, eye, skin and digestive irritant

Sensitization: none

Carcinogenicity: none

Reproductive Toxicity: none

Teratogenicity: none

Mutagenicity: none

Synergistic Products: N/AV

7. PREVENTIVE MEASURES

Personal Protective Equipment

Gloves: Y **Respirator:** N **Eye:** Y **Footwear:** Y **Clothing:** Y **Other**

If Y above specify

Gloves: Rubber, Nitrile

Eye: Dust or splash-proof chemical safety goggles or face shield.

Clothing: Rubber or nitrile gloves, long sleeve shirts and pants or coveralls, boots, and/or other resistant protective clothing. Have a safety eyewash fountain readily available in the work area.

Engineering 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.

Leak and Spill Procedures: 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.

Waste Disposal: According to local, provincial and federal government requirements

Handling Procedures and Equipment: Avoid inhalation and eye contact. Wear rubber or Nitrile gloves, chemical splash goggles and dust mask. Do not mix with incompatible materials. (see Section 5)

Storage Requirements: Keep in a cool, dry and well-ventilated area. Store away from incompatible materials

Special Shipping Information: Normal shipping procedures **PIN:** N/AV

8. FIRST AID MEASURES

Inhalation: Remove source of contamination or have victim move to fresh air. Do not intentionally breath vapours.

Ingestion: Not normally ingested. Drink plenty of milk or water. If irritation or discomfort occurs, obtain medical advice immediately.

Skin Contact: 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.

Eye Contact: 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 wearing contact lenses, remove after the first 5 minutes of flushing and continue rinsing eyes. If irritation persists, repeat flushing. Obtain medical attention immediately.

9. PREPARATION INFORMATION

Prepared by:

**Regulatory Affairs
Terralink Horticulture Inc.**

**Telephone Number(s):
604-864-9044
800-661-4559**

Date: November 4, 2008.

Disclaimer:

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