



MATERIAL SAFETY DATA SHEET

Bud Break Pre-Mix

MSDS DATE: 9/24/10

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Bud Break Pre-Mix
PRODUCT CODE(S): 1801674, 1801671

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

24 HOUR CEDA EMERGENCY PHONE: 604-540-41020
CHEMICAL SPILLS: 800-663-3456

PRODUCT USE: Fertilizer
PREPARED BY: Regulatory Affairs
REVISION DATE: New

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>
Solubor Disodium octoborate tetrahydrate	12280-03-4	Nab	1.0

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

ROUTES OF ENTRY: Skin, Eye, Ingestion

ACUTE HEALTH EFFECTS

EYES: May cause temporary stinging or burning on contact
SKIN: May irritate existing skin conditions such as abrasions
INGESTION: NAb
INHALATION: NAp

CHRONIC HEALTH HAZARDS: NAb

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGENICITY: NAb

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. If irritation or discomfort occurs, obtain medical advice immediately.

INHALATION: NAp

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SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: NAp

UNUSUAL FIRE AND EXPLOSION HAZARDS: NAp

HAZARDOUS DECOMPOSITION PRODUCTS: NAb

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 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid inhalation, eye and skin contact. Wear rubber or Nitrile gloves and chemical splash goggles. Do not mix with incompatible materials. (see section 10). Keep in a cool, dry and well ventilated area. Store away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust ventilation to control 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: NAp

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

SKIN PROTECTION: 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.

WORK HYGIENIC PRACTICES: Keep work areas clean. Mop up spills immediately to avoid possible slipping.

EXPOSURE GUIDELINES: NA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light to dark brownish liquid

ODOR: NA

PHYSICAL STATE: Liquid

pH AS SUPPLIED: NAb

pH (Other):

BOILING POINT: NAb

F: NAb

C: NAb

MELTING POINT: NAb

F: NAb

C: NAb

FREEZING POINT: NAb



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F: NAb

C: NAb

VAPOR PRESSURE (mmHg): NAb

@

F: NAb

C: NAb

VAPOR DENSITY (AIR = 1): NAb

@

F: NAb

C: NAb

SPECIFIC GRAVITY (H₂O = 1): NAb

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F: NAb

C: NAb

EVAPORATION RATE: NAb

BASIS (=1): NAb

SOLUBILITY IN WATER: NAb

PERCENT SOLIDS BY WEIGHT: NAb

PERCENT VOLATILE: NAb

BY WT/ BY VOL @

F: NAb

C: NAb

VOLATILE ORGANIC COMPOUNDS (VOC): NAb

WITH WATER: NAb

LBS/GAL

WITHOUT WATER: NAb

LBS/GAL

MOLECULAR WEIGHT: NAb

VISCOSITY:

@

F: NAb

C: NAb

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Normally stable

CONDITIONS TO AVOID (STABILITY): NAb

INCOMPATIBILITY (MATERIAL TO AVOID): NAb

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NAb

HAZARDOUS POLYMERIZATION: NAb

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NAb

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NAb



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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: According to local, provincial and federal government requirements.

RCRA HAZARD CLASS: NA

SECTION 13 NOTES:

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.

SECTION 15: REGULATORY INFORMATION

WHMIS HAZARD CLASS: Not regulated

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:

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