



MATERIAL SAFETY DATA SHEET

Earthlink 2-4-.5 Liquid Organic Fertilizer

MSDS Date of Issue: 4/7/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Earthlink 2-4-.5 Liquid Organic Fertilizer
PRODUCT CODE(S): 1803145, 1803142

MANUFACTURER / DISTRIBUTOR: 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: June 17, 2011.

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>
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None

Non-reportable Ingredients
Acidulated fish tankage

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

EU DANGEROUS PREPARATIONS DIRECTIVE (DPD) LABELING AND CLASSIFICATION: Classification of the substance or mixture according to Regulation (EC) No1272/2008 and subsequent Directives.

This product does not meet the definition of any hazard class, as defined by the European Union Council Directives

Classification: Not Applicable

Risk Phrases: Not Applicable

Safety Phrases: Not Applicable Annex II

Hazard Symbol: Not Applicable

SECTION 4: FIRST AID MEASURES

EYES: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.

INGESTION: Routine use of this product is not expected to cause any situation which could lead to ingestion. If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow.

INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Notes to Physician: Treatment based on sound judgment of physician and individual reactions of patient.

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SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: Not combustible at temperature lower than 204° C (400° F). No data available for temperatures greater than 204° C (400° F).

Autoignition Temperature: Not Available.

Flammable Limits in Air (%): Not Available.

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Exposure Hazards: Move containers from fire area if you can do it without risk. Use water spray to cool fire-exposed containers and structures. Contain fire control water for later disposal.

Hazardous Decomposition/Combustion Materials (under fire conditions): Thermal degradation produces carbon dioxide and carbon monoxide.

Special Protective Equipment: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing

Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATINGS FOR THIS PRODUCT ARE: HEALTH 1, FLAMMABILITY 0, INSTABILITY 0

HMIS RATINGS FOR THIS PRODUCT ARE: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Wear appropriate protective equipment.

Environmental Precautionary Measures: Prevent entry into sewers or streams, dike if needed. Consult local authorities.

Procedure for Clean Up: Pick up material for reuse, recycling or disposal.

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

SECTION 7: HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Do not breathe dust.

Storage: Store at temperatures less than 26.5° C (80° F) whenever possible and in a cool, dry, well ventilated area. Place away from incompatible materials. Containers of this material may be hazardous when empty since they retain product residues (dust, solids).

OTHER PRECAUTIONS: None known

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne dust.

Respiratory Protection: Respiratory protection is generally not needed for normal handling. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN 149, or EU member states.

Gloves: Cotton gloves permitted for dry product, impervious gloves when handling solutions.

Skin Protection: As appropriate to minimize skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards. As needed to minimize contact. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

Eyes: Safety glasses as handling or use conditions require. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN 166, Australian Standards, or relevant Japanese Standards.

Other Personal Protection Data: Ensure that eyewash stations and safety showers are proximal to the work-station location.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY: No Data

SPECIFIC GRAVITY @20°C: 1.10

VAPOR PRESSURE, mm Hg@20°C (68° F): No Data

APPEARANCE, ODOR and COLOR: This product is a dark brown liquid.

EVAPORATION RATE (n-BuAc=1): No Data

SOLUBILITY IN WATER: Completely soluble

pH: 6-7

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SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None

Materials to Avoid: None known

Hazardous Decomposition Products: Thermal degradation produces carbon dioxide and carbonmonoxide.

Additional Information: No additional remark.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY DATA: No Data Available

SUSPECTED CANCER AGENT:

The following components of this product are listed by agencies tracking the carcinogenic potential of chemical compounds as follows: None known

IRRITANCY OF PRODUCT: Contact of this product can cause skin and eye irritation.

SENSITIZATION TO THE PRODUCT: These products are not known to cause human skin or respiratory sensitization.

REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans.

Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.

Teratogenicity: The components of this product are not reported to produce teratogenicity effects in humans.

Reproductive Toxicity: The components of this product are not reported to produce reproductive effects in humans.

SECTION 12: ECOLOGICAL INFORMATION

ALLWORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL FATE: This material is not expected to be hazardous to the environment.

ENVIRONMENTAL TOXICITY: This material is not expected to be toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

SECTION 14: TRANSPORT INFORMATION

US DOT, IATA, IMO, ADR:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101. NON-REGULATED

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION: This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

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SECTION 15: REGULATORY INFORMATION

UNITED STATES REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: The components of these products are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for any component of these products. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.

U.S. TSCA INVENTORY STATUS: The components of these products are listed in the TSCA Inventory or are exempt.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): None Listed

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: The components of this product are on the DSL Inventory, or are exempted from listing.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Not Controlled

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU DANGEROUS PREPARATIONS DIRECTIVE (DPD) LABELING AND CLASSIFICATION: Classification of the substance or mixture according to Regulation (EC) No1272/2008 and subsequent Directives.

This product does not meet the definition of any hazard class, as defined by the European Union Council Directives

Classification: Not Applicable Risk Phrases: Not Applicable

Safety Phrases: Not Applicable Annex II Hazard Symbol: Not Applicable

Safety Phrases: S24/25: Avoid contact with skin and eyes.

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: The components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by The Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed or exempt

Australian Inventory of Chemical Substances (AICS): Listed or exempt

Korean Existing Chemicals List (ECL): Listed or exempt

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed or exempt

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed or exempt

Swiss Giftlist List of Toxic Substances: Listed

U.S. TSCA: Listed or exempt



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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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