MATERIAL SAFETY DATA SHEET

The Enhancer

MSDS DATE: 01/01/2024

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: The Enhancer
PRODUCT CODES: 1000

MANUFACTURER: TNB Naturals
ADDRESS: 2440 14 Ave #5 Vernon, BC V1T 8C1 CANADA

TELEPHONE NUMBER: 1-888-543-8988
EMERGENCY PHONE: 1-888-543-8988
CHEMTREC PHONE: N/A
FAX PHONE: 778-442-0041

PRODUCT USE: Indoor garden; plant growth enhancer
PREPARED BY: TNB Naturals

SECTION 1 NOTES: All natural ingredients

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: monosaccharides, saccharomyces cerevisiae, essential amino acids and non recombinant organisms

CAS NO.	75% Monosacharides, 25% *Saccharomyces cerevisiae*	% WT	% VOL
		ppm	mg/m3

SECTION 2 NOTES: Not a food product; non-chemical; pressure of 1200 ppm after warm water is added to the product

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Proceed with non-emergency procedures as the contents of the bottle are non-hazardous. Dispose of the bottle if the bottle has been damaged or the seal has been broken.

ROUTES OF ENTRY: Bottle spout.

POTENTIAL HEALTH EFFECTS

EYES: Non-hazardous.

SKIN: Non-hazardous.

INGESTION: Non-hazardous. This product is not intended to be ingested. May cause some stomach discomfort and induce vomiting. May be hazardous to diabetics due to the sugar content.

INHALATION: Slightly hazardous. It may be slightly hazardous when water is added as Carbon Dioxide is released. Do not inhale directly from the bottle. Apply to plants only.

ACUTE HEALTH HAZARDS: No acute health hazards.

CHRONIC HEALTH HAZARDS: No chronic health hazards.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No medical conditions have been reported to be aggravated by the exposure of this product.

SECTION 3 NOTES: Seek medical attention from a doctor if you feel the product is causing any irritation or discomfort to your health.

SECTION 4: FIRST AID MEASURES

EYES: Contents are non-chemical, however if the contents come in contact with the eye, flush the eye with clean water, and wash with soap and water. Seek medical advice if there are any further problems with your eye.

SKIN: Contents are non-chemical, however if the contents come in contact with skin, simply wash with soap and water.

INGESTION: Seek medical attention from a doctor if you feel the product is causing any discomfort to your stomach.

INHALATION: If there are problems breathing remove the product to fresh air. Seek medical advice if experiencing any breathing discomfort or dizziness.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: May be hazardous to diabetics when ingested due to the sugar ingredients of the product.

SECTION 4 NOTES: Seek medical attention from a doctor if you feel the product is causing any irritation to your health.

SECTION 5: FIRE-FIGHTING MEASURES

METHOD USED: Water spray, fire extinguisher, dry chemical powder or appropriate foam

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May emit toxic fumes under fire conditions

SECTION 5 NOTES: May emit carbon dioxide when extinguished with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Place in a bag or other appropriate non-hazardous container and dispose of the product in a safe waste disposal. Ventilate the exposed away and wash any spills with water and if soap if necessary.

SECTION 6 NOTES: Since the ingredients are non-hazardous, any accidents are spills should be taken without any serious precaution. Normal cleaning methods and moderate safety measures should be taken.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Handled with care and stored in cool to normal room temperatures

OTHER PRECAUTIONS: Dispose of in accordance with national and local waste regulations and recycling programs

SECTION 7 NOTES: Store in a cool, dry place (2-30°C) in original sealed containers away from heat sources.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : No extra ventilation is necessary. For product is to be used in indoor gardens. In case of excessive release in ventilate the area with fresh air.

RESPIRATORY PROTECTION: None necessary, however, wear appropriate respirator when ventilation is inadequate or in case of any breathing discomfort.

EYE PROTECTION: None necessary, but could wear safety glasses or goggles

SKIN PROTECTION: Clothing, Impervious gloves, gardening gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White granulated substance

ODOR: Odourless

PHYSICAL STATE: Solid

pH (Other): neutral to slightly acidic
BOILING POINT:
F:
C: 186 °C
MELTING POINT:
F:
C: 186 °C
FREEZING POINT: N/A
F:
C:
VAPOR PRESSURE (mmHg):
@
F: No data available for TNB Sugar and Yeast
C:
VAPOR DENSITY (AIR = 1):
@
F: No data available for TNB Sugar and Yeast
C:
SPECIFIC GRAVITY (H2O = 1):
@
F: No data available for TNB Sugar and Yeast

C:

EVAPORATION RATE: No data available for TNB Sugar and Yeast

BASIS (=1): No data available for TNB Sugar and Yeast

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Normal water solubility of sugar and yeast

PERCENT SOLIDS BY WEIGHT: 100

PERCENT VOLATILE:
BY WT/ BY VOL @ No data available for TNB Sugar and Yeast
F:
C:

VOLATILE ORGANIC COMPOUNDS (VOC): No data available for TNB Sugar and Yeast

WITH WATER: LBS/GAL
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: No data available for TNB Sugar and Yeast
VISCOSITY:
@
F:
C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE **UNSTABLE**

STABILITY: Stable at cool to normal temperatures.

CONDITIONS TO AVOID (STABILITY): Extreme heat or ignition of flames

INCOMPATIBILITY (MATERIAL TO AVOID):

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition may yield oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Non-toxic

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: No data available for TNB Sugar and Yeast

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Regular disposal and recycling methods. The contents are not regarded as hazardous waste.

RCRA HAZARD CLASS: Non-hazardous

SECTION 14: TRANSPORT INFORMATION

SECTION 14 NOTES: Non-hazardous for road, sea and airfreight.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Non-toxic

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: Non-hazardous

313 REPORTABLE INGREDIENTS: N/A

STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Report updated January 1, 2023

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