MATERIAL SAFETY DATA SHEET

TNB Kelptastic – Dried Kelp Meal

MSDS DATE: 01/01/2024

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Kelptastic

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: Dried, ground marine plant meal.
PREPARED BY: TNB Naturals

SECTION 1 NOTES: All natural ingredients.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: Dehydrated ground marine algae (*Ascophyllum nodosum*)

No.	Ingredients Name	CAS-NO	Cons. (weight%)	Classification
1	Dried Marine Algae	n/a	100%	IK

Legend: T+ = Very Toxic, T = Toxic, C = Corrosive, Xn = Harmful, Xi = Irritant, IK = No Classification Required, E = Explosive, O = Oxidizing, F+ = Extremely Flammable, F = Very Flammable, Fo = Flammable, N = Dangerous to Environment, Mu = Genetoxic, Sens = Sensitizing, Care = Carcinogen, Repr = Causes Birth Defects

SECTION 2 NOTES: All natural dried seaweed meal.

SECTION 3: HAZARDS IDENTIFICATION

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

GENERAL: Non-hazardous material. If irritation or discomfort occurs, seek medical advice from a physician.

POTENTIAL HEALTH EFFECTS

EYES: Non-hazardous. Non-irritating to ocular tissue. In case of exposure flush eyes with plenty of water. Seek medical attention if irritation occurs.

SKIN: Non-hazardous. Non-irritating to skin. Wash with mild soap and water. Seek medical attention if discomfort occurs.

INGESTION: Non-hazardous. Non-toxic if ingested.

INHALATION: Non-toxic. Do not intentionally breathe the dust.

ACUTE HEALTH HAZARDS: No acute health hazards.

CHRONIC HEALTH HAZARDS: No chronic health hazards.

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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.

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: Non-flammable. Non-explosive.

SECTION 5 NOTES: Use extinguishing media appropriate for surrounding fire.

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. Spills may be easily cleaned by removing as much solid as possible and washing remaining spill with large amounts of water. Avoid having loose product on floor in damp areas as product may become slippery with the addition of water.

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. Gloves, dust masks, and eye protection should be worn when handling.

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

SECTION 7 NOTES: Store in a closed container in a dry, ventilated area. Protect from direct sunlight and humidity.

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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, 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, however could wear safety glasses or goggles

SKIN PROTECTION: Clothing, Impervious gloves, gardening gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required

SECTION 8 NOTES: Gloves, dust masks, and eye protection are recommended to be worn when handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	Flakes or Powder	**Organic Matter**	60 – 70 %
Color	Olive green	**Ash Minerals**	20 – 25 %
Odor	Marine-like	**Maximum Moisture**	13 %
Solubility	Insoluble	**Percent Volatile (by Volume)**	Not Applicable
Melting Point/Range	Not Applicable	**Bulk Density**	0.6-0.8 g/cm3
Expl. Limit LEL-UEL. %-%	Not Applicable	**Solubility in Water**	Insoluble
Vapor Pressure	Not Applicable	**Saturation Conc.**	Not Determined
Decomposition Temp.	Approx 550oC	**Rel. Density Sat. Air (Air=1)**	Not Determined
pH Value	6-8	**Boiling Point/Range**	Not Determined
Flash Point	Not Applicable	**pH Concentrate**	Not Applicable
Molecular Weight	Not Applicable	**Viscosity**	Not Applicable
Ignition Temp.	Approx 550oC	**Smelling Limits lo-hi**	Not Determined
Rel. Vapor Density (air=1)	Not Applicable	**Rel. Evap. Velocity**	Not Determined
Air Reactive	Not Applicable	**Water Reactive**	Not Applicable

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable at cool to normal temperatures.

CONDITIONS TO AVOID (STABILITY): Excessive humidity or moisture levels.

INCOMPATIBILITY (MATERIAL TO AVOID): None.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Not applicable.

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Non-toxic

SECTION 12: ECOLOGICAL INFORMATION

BREAKDOWN: Biodegradable.

ECOTOXITY: Nutritional supplement, high concentrations may cause burning of plants.

SECTION 12 NOTES: Product presents minimal environmental impact.

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

GENERAL: Non-hazardous material according to transport regulations. No special precautions are necessary.

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: Marking according to hazardous product regulations is not required.

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Report updated March 1, 2022

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