

**HEAD OFFICE:**  
112 Water Street  
Yarmouth, NS B5A 1L5  
Canada  
Tel: 902-742-2411  
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**PRODUCTION FACILITY:**  
2433 Highway 3  
Pubnico, NS B0W 2A0  
Canada  
Tel: 902-762-3525  
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www.tidalorganics.com

**SAFETY DATA SHEET**  
**Tidal Organics Organic Kelp Meal**

**SECTION 1. IDENTIFICATION**

**Product Identifier:** Tidal Organics Organic Kelp Meal  
**Recommended Use:** Animal Feed Ingredient or Fertilizer  
**Initial Supplier Identifier:** Tidal Organics Inc  
**Telephone Number:** 902-742-2411

**SECTION 2. HAZARD IDENTIFICATION**

<b>Classification</b>	N/A
<b>Label Elements:</b>	This product does not require labelling. No specific risks are known
<b>Other Hazards</b>	None identified

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>CAS No.</b>	<b>Concentration</b>	<b>Common name / Synonyms</b>	<b>Other identifiers</b>
<i>Ascophyllum nodosum</i>	N/A	100%	Dried Seaweed Meal	

**SECTION 4. FIRST-AID MEASURES**

<b>Inhalation</b>	Non-toxic. Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Do not intentionally inhale dust.
<b>Skin Contact</b>	Not expected to present a significant skin hazard under anticipated conditions of normal use. Wash with mild soap and water. Seek medical attention if discomfort occurs.
<b>Eye Contact</b>	Mild irritation may occur. In case of eye contact, flush with plenty of water or eye wash solution for 15 minutes. Seek medical attention if irritation occurs.
<b>Ingestion</b>	Non-toxic. Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Drink several glasses of water if large amounts are ingested.

**SECTION 5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	CO <sub>2</sub> , Foam, Water Spray or Fog
<b>Unsuitable Extinguishing Media</b>	N/A
<b>Specific Hazards Arising from the Product</b>	N/A
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	N/A

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions, Protective Equipment, and Emergency Procedures</b>	Gloves, dust masks, and eye protection should be worn to protect from nuisance dust. Product may become slippery if it comes into contact with water.
<b>Methods for Containment and Cleaning Up</b>	Sweep up or flush with water and dispose of material in accordance with applicable local, provincial and Federal regulations.

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## SECTION 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	PPE as specified in Section 8
<b>Conditions for Safe Storage</b>	Store in a cool, dry place. Avoid exposure to direct sunlight, high humidity or moisture levels. Keep bags closed until used.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters:

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
	N/A	N/A	N/A	N/A

### Notes:

<b>Appropriate Engineering Controls</b>	N/A
<b>Individual Protection Measures</b>	Gloves, dust masks and eye protection should be worn to protect from nuisance dust

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>pH</b>	6-8	<b>Evaporation Rate</b>	Not Determined
<b>Odour</b>	Marine-like	<b>Flammability (solid, gas)</b>	Not Determined
<b>Appearance</b>	Dark green-brown powder	<b>Upper and Lower Flammability or Explosive Limit</b>	Not Determined
<b>Maximum Moisture</b>	10%	<b>Solubility in Water</b>	Insoluble
<b>Melting Point and Freezing Point</b>	Not Determined	<b>Solubility in Other Liquids</b>	Not Determined
<b>Initial Boiling Point and Boiling Range</b>	Not Determined	<b>Decomposition Temperature</b>	Not Determined
<b>Flash Point</b>	Not Determined	<b>Viscosity</b>	Not Determined

## SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	N/A
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	None known
<b>Conditions to Avoid</b>	Excessive humidity or direct sunlight
<b>Incompatible Materials</b>	N/A
<b>Hazardous Decomposition Products</b>	N/A

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#### SECTION 11. TOXICOLOGICAL INFORMATION

<b>Routes of Exposure</b>	Inhalation, Skin contact, Eye contact, Ingestion
<b>Toxicity to Animals</b>	N/A
<b>Acute Effects on Humans</b>	N/A
<b>Chronic Effects on Humans</b>	N/A
<b>Other Toxic Effects on Humans</b>	N/A

Notes:

<b>Skin Contact</b>	Not considered toxic by skin contact
<b>Eye Contact</b>	Irritation to eyes may occur
<b>Ingestion</b>	Not considered toxic, but irritation to digestive system can occur

#### SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not an ecological hazard. Excessive concentrations may cause burning to plant tissues
<b>Persistence and Degradability</b>	Biodegradable
<b>Bioaccumulative Potential</b>	N/A
<b>Mobility in Soil</b>	N/A
<b>Other Adverse Effects</b>	N/A

#### SECTION 13. DISPOSAL CONSIDERATIONS

<b>Disposal Methods</b>	Not classified as hazardous waste. Product must be disposed of in accordance to regulations.
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#### SECTION 14. TRANSPORT INFORMATION

<b>Special Precautions</b>	N/A
<b>Environmental Hazards</b>	N/A

#### SECTION 15. REGULATORY INFORMATION

<b>Safety, Health and Environmental Regulations</b>	N/A
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#### SECTION 16. OTHER INFORMATION

<b>References</b>	This SDS is prepared based on the information provided by the manufacturer
<b>Date Created</b>	September 15, 2017
<b>Date of Latest Revision</b>	September 15, 2017