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SAFETY DATA SHEET

Food Grade Kelp

1. Identification

Product Identifier: Food Grade Kelp
Chemical Name: *Ascophyllum nodosum*
Rec. Use: Vitamin and micronutrient supplement
Type of Substance: Nonhazardous UVCB (Unknown or Variable Composition - Complex Reaction Product - or Biological Material) substance.
Manufacturer: North American Kelp
Address: 41 Cross Street
Waldoboro, Maine 04572, U.S.A.
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Issued by: North American Kelp technical department

2. Hazards Identification

Generally non-hazardous. Kelp meal is rich in iodine; limit intake / consult with a physician before using if suffering from thyroid-related illnesses or disorders.

3. Composition of Product

| No. | Ingredient Name | Cons. (% w/w) | Classification |
|-----|--------------------------------------|---------------|----------------|
| 1. | <i>Ascophyllum nodosum</i> kelp meal | 100% | Non-hazardous |

4. First Aid Measures

General

Observe standard hygiene practices, wash with water after handling.

Eye contact

None

Skin contact

None

Inhalation

None

Ingestion

None

5. Fire-Fighting Measures**Flash Point**

Not applicable.

Extinguishing media

Use extinguishing media appropriate for surrounding fire.

Special hazards arising from the substance or mixture

Non-flammable. Non-explosive.

Combustion Products

Not hazardous.

Precautions

Product is slippery when wet.

6. Accidental Release Measures

Biodegradable. Remove as much solid product as possible and wash the remaining spill with water. Product is slippery when wet.

7. Handling and Storage

Store in a cool, dry place.

8. Exposure Control and Personal Protection

Respiratory protection: Not normally required. Wear a dust mask if sensitive.

9. Physical and Chemical Properties

| | |
|---------------|---------------------------|
| State | Dried flakes or powders |
| Color | Green |
| Odor | Marine-like |
| pH | 6-8 |
| Flammability | Non-flammable |
| Bulk Density | 0.6-0.8 g/cm ³ |
| Auto-ignition | Approximately 550 °C |

Decomposition

Approximately 550 °C

10. Stability and Reactivity

Reactivity

Product is not reactive

Stability

Product is stable under typical conditions

Conditions to avoid

Avoid excessive heat and cold. Keep out of direct sunlight. Avoid strong oxidizers.

Hazardous decomposition products

Not applicable

Hazardous polymerization

Not applicable

11. Toxicological information

Acute toxicity

None

Chronic exposure

None

Carcinogenic properties

The product is not classified as carcinogenic.

12. Ecological information

Ecotoxicity

None

Persistence and degradability

Biodegradable in nature.

13. Disposal considerations

Not classified as a hazardous material. Dispose of in accordance with Federal, State/Province, and Local Authority regulations.

14. Transport information

Classified as non-hazardous material according to transport regulations. No special precautions are necessary.

15. Regulatory information

Classified as non-hazardous/not dangerous. Requires no special labels.

16. Other information

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Every endeavor has been made to verify that the information contained in this SDS is reliable, but we cannot accept liability for any loss, injury, or damage, which may result from its use or misuse. Data given in this SDS is solely for guidance in safe handling and use of the product by customers; they do not form part of any specification. Customers are encouraged to conduct their own tests following discussion with our technical department. The above information is based on experience, but it is always advisable for customers to satisfy themselves by consultation with our technical department and by small-scale testing, that this product which they have selected is suitable for their purpose under their conditions of use.