

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name (as on label): Nature's Kelp Meal from Thorvin.

MANUFACTURER

Thorvin, Inc.
49 Race Street, P.O. Box 730
New Castle, VA 24127

PHONE NUMBERS:

Information: 9:00 a.m. – 5:00 p.m., M-F
800-464-0417, 540-864-5108, 540-864-5161 (fax)
Medical Emergency: Does not apply.
24 Hour Transportation Emergency, U.S.A.: Does not apply.
24 Hour Transportation Emergency, Intl.: Does not apply

Abbreviations used: n/a: not applicable, n/d: not determined, n/r: not required

2. HAZARDOUS IDENTIFICATION

Emergency Overview: Nature's Kelp Meal from Thorvin contains trace levels of iodine. Persons with thyroid allergies should consult their physician.

Potential Health Effects:

Eyes:	none
Skin:	none
Inhalation:	none
Ingestion:	none

3. COMPOSITION / INFORMATION ON INGREDIENTS

Nature's Kelp Meal from Thorvin is 100% dried, milled sea plant vegetation. Seaweed Meal of *Ascophyllum nodosum*.

OSHA Regulatory Status (29 CFR 1910, 1200)

Hazardous

Non-Hazardous:

Non Hazardous Ingredients: 100% dried sea plant.

4. FIRST AID MEASURES

Emergency Overview: Remove from exposure, wash with water.

Potential Health Effects:

Eyes:	None
Skin:	None
Inhalation:	None
Ingestion:	None

5. FIRE FIGHTING MEASURES

Flash Point: n/a

Method Used: n/a

Extinguishing Media: Non-flammable solid. Use proper media for primary cause of fire. Chars in presence of flames.

Special Fire Fighting Procedures: Those appropriate for primary cause of fire.

Fire and Explosion Hazards: Caution – Nature's Kelp Meal from Thorvin is slippery when wet.

Combustion products: none

6. ACCIDENTAL RELEASE MEASURES (steps taken for spills or release)

Handle spillage and waste disposal in the same manner as with any dry vegetable product. Spills are easily cleaned by removing as much solid product as possible and then washing the remaining spill with water. Nature's Kelp Meal from Thorvin is bio-degradable.

7. HANDLING AND STORAGE

Store in a cool, dry place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Protective Equipment: Not normally necessary.
Ventilation Requirements: **Local Exhaust:** not normally necessary
Mechanical/General: not normally necessary **Special:** n/a
Respiratory Protection: Special ventilation not normally necessary. Can contain fine particles or dust. Wear a dust mask if sensitive.
Skin Protection: not normally necessary
Eye protection: not normally necessary
Other: n/a

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/physical state: Dried flakes or powders; natural green color.
Odor: Marine odor.
Odor threshold: Not determined
pH: 6-8
Melting point/freezing point: Not applicable
Initial boiling point and boiling range: Not applicable
Flash point: Not applicable
Evaporation rate: Not applicable
Flammability (solid, gas): Non-flammable
Upper/lower flammability or explosive limits: Not applicable
Vapor pressure: Not applicable
Vapor density: Not applicable
Bulk density: 0.6-0.8 g/cm³
Solubility(ies): Non-water soluble
Partition coefficient: n-octanol/water: Not applicable
Auto-ignition temperature: Approximately 550 degrees C
Decomposition temperature: Approximately 550 degrees C
Viscosity: Not applicable

10. STABILITY AND REACTIVITY

Stable **Unstable**

Non-flammable, stable, and not subject to hazardous polymerization.

Conditions to avoid: n/a

Incompatibility: n/a

11. TOXICOLOGICAL INFORMATION

Acute: none

Chronic: none

Other: none

Nature's Kelp Meal from Thorvin is not listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) and has not been found to be a potential carcinogen by OSHA or in the International Agency for Research on Cancer (IARC) Monographs (latest edition),

12. ECOLOGICAL INFORMATION

Ecotoxicity: none

Environmental Fate: none Nature's Kelp Meal from Thorvin is bio-degradable.

13. DISPOSAL CONSIDERATIONS

Handle spillage and waste disposal in the same manner as with any dry vegetable product. Spills are easily cleaned by removing as much solid product as possible and then washing the remaining spill with water. Caution – Nature's Kelp Meal from Thorvin is slippery when wet. Nature's Kelp Meal from Thorvin is bio-degradable.

Hazardous Characteristics: n/a

Waste disposal methods: Follow local, state, and federal regulations

14. TRANSPORT INFORMATION

DOT classification (bulk/mass product): none

IATA Classification (bulk/mass product): none

Other: none

15. REGULATORY INFORMATION

16. OTHER INFORMATION

Prepared

Revised

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By: *Peter French*

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