

# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name (as on label):** Thorvin Certified Organic Icelandic Geothermal Kelp.

Also labeled as Seaweed Meal of *Ascophyllum nodosum*, *Laminaria digitata*, *Laminaria hyperborea*, and blends of these species.

Used as a dietary supplement, animal feed supplement or fertilizer

■ Prepared      Revised      Date: May 12, 2015      By: *Peter French*

### 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**

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## 2. HAZARDOUS IDENTIFICATION

**Emergency Overview:** Thorvin Certified Organic Icelandic Geothermal Kelp contains trace levels of iodine. Persons with thyroid allergies should consult their physician.

### Potential Health Effects:

<b>Eyes:</b>	none
<b>Skin:</b>	none
<b>Inhalation:</b>	none
<b>Ingestion:</b>	none

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Thorvin Certified Organic Icelandic Geothermal Kelp is 100% dried, milled sea plant vegetation. Seaweed Meal of *Ascophyllum nodosum*, *Laminaria digitata*, *Laminaria hyperborea*, and blends of these species.

**OSHA Regulatory Status (29 CFR 1910, 1200)**       Hazardous       Non-Hazardous:

**Non Hazardous Ingredients:** 100% dried sea plant.

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## 4. FIRST AID MEASURES

**Emergency Overview:** Remove from exposure, wash with water.

### Potential Health Effects:

<b>Eyes:</b>	None
<b>Skin:</b>	None
<b>Inhalation:</b>	None
<b>Ingestion:</b>	None

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## 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 – Thorvin Certified Organic Icelandic Geothermal Kelp is slippery when wet.

**Combustion products:** none

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## 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. Thorvin Certified Organic Icelandic Geothermal Kelp is bio-degradable.

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## 7. HANDLING AND STORAGE

Store in a cool, dry place.

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## 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

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## 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/cm<sup>3</sup>

**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

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## 10. STABILITY AND REACTIVITY

**Stable**  **Unstable**

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

**Conditions to avoid:** n/a

**Incompatibility:** n/a

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## 11. TOXICOLOGICAL INFORMATION

**Acute:** none

**Chronic:** none

**Other:** none

Thorvin Certified Organic Icelandic Geothermal Kelp 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),

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** none

**Environmental Fate:** none Thorvin Certified Organic Icelandic Geothermal Kelp is bio-degradable.

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## 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 – Thorvin Certified Organic Icelandic Geothermal Kelp is slippery when wet. Thorvin Certified Organic Icelandic Geothermal Kelp is bio-degradable.

**Hazardous Characteristics:** n/a

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

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## 14. TRANSPORT INFORMATION

**DOT classification (bulk/mass product):** none

**IATA Classification (bulk/mass product):** none

**Other:** none

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**15. REGULATORY INFORMATION**

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**16. OTHER INFORMATION**

While the information contained within this SDS is presented in good faith and believed to be accurate, it is provided for your guidance only. In addition, this SDS is created with the consideration towards U.S. authority. We recommend that you make your own tests prior to use to determine the suitability of this product for your particular purpose with regard for the requirements of your legal jurisdiction.

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