

1 - Identification

| | |
|---|---|
| Product name | Irish Moss |
| Product code | |
| Other means of identification | |
| Synonyms | No information available |
| CAS No. | 9000-07-1 |
| RTECS No. | FI0700000 |
| CI No. | Not available |
| Recommended use of the chemical and restrictions on use | |
| Recommended use | No information available |
| Uses advised against | No information available |
| Address | Ingredients To Die For, 155 Blue Dr, Searcy, AR 72143 |
| Phone | 512-535-2711 |
| Emergency Contact Chemtrec Emergency Hl | 800-494-9300 |

2 - Hazard(s) Identification

Classification This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Combustible dust

Label elements

Warning May form combustible dust concentrations in air

Hazards not otherwise classified (HNOC) Not applicable

Other hazards May be harmful if inhaled

Precautionary Statements - Prevention

Keep away from all ignition sources including heat, sparks and flame. Keep container closed and grounded. Prevent dust accumulations to minimize explosion hazard.

3 - Composition/Information on Ingredients

| | |
|-----------|-------------|
| Component | Carrageenan |
| CAS No. | 9000-07-1 |
| Weight | 100 % |

4 - First-Aid Measures

First aid measures

General advice

National Capital Poison Center in the United states can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.

Skin contact

Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops.

Eye contact

Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.

Inhalation

Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

Ingestion

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms

May cause eye/skin irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically

Protection of first-aiders

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

5 - Fire-Fighting Measures

Extinguishing Media

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| Suitable extinguishing media | Carbon dioxide (CO2). Dry chemical. Water spray, mist or foam. |
| Unsuitable extinguishing media | No information available |
| Specific hazards arising from the chemical | |
| Hazardous combustion products | Carbon monoxide. Carbon dioxide (CO2) |
| Specific hazards | May be combustible at high temperatures. Avoid generating dust. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. |
| Specific protective actions for firefighters | |
| Specific methods | No information available |
| Special protective equipment for firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |

6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

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|--|--|
| Personal precautions | Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Remove all sources of ignition. Avoid dust formation. Avoid dispersal of dust in the air. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Non-sparking tools should be used. |
| Environmental precautions | Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. |
| Methods and material for containment and cleaning up | |
| Methods for containment | Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading. |
| Methods for cleaning up | Sweep up and shovel into suitable containers for disposal. Use only non-sparking tools. Clean contaminated surface thoroughly. |

7 - Handling and Storage

Precautions for safe handling

Technical measures/precautions

Provide sufficient air exchange and/or exhaust in work rooms. Minimize dust generation and accumulation. Avoid dust formation. Dry powders can build static electricity charges when subjected to friction of transfer and mixing operations. All equipment used when handling the product must be grounded. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from incompatible materials.

Safe handling advice

Wear protective personal equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Do not breathe dust. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical measures/storage conditions

Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

Incompatible materials

Oxidizing agents

8 - Exposure Controls/Personal Protection

Control parameters

National occupational exposure limits

Product code

Product name Irish Moss

United States

Component Irish Moss

CAS No. 9000-07-1

OSHA None

NIOSH None

ACGIH None

AIHA WEEL None

Canada - Alberta None

Canada - British Columbia None

Canada - Ontario None

Canada - Quebec None

Australia None

Mexico None

Appropriate engineering controls

Engineering measures to reduce exposure

Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e. there is no leakage from the equipment). It is recommended that all dust control equipment as local exhaust ventilation and material transport systems involved in the handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

Individual protection measures, such as personal protective equipment

Personal protective equipment

Eye protection Goggles or safety glasses with side-shields

Skin and body protection Long sleeved clothing; chemical resistant apron; gloves

Respiratory protection

Effective dust mask. Use a dust respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentration of dust (dust clouds), inadequate ventilation, development of respiratory tract irritation), and engineering controls are not feasible. Be sure to use an approved/certified respirator or equivalent.

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Hygiene measures

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

9 - Physical and Chemical Properties

Physical and chemical properties

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|---|--------------------------|
| Physical state | Solid |
| Appearance | No information available |
| Color | No information available |
| Odor | No information available |
| Taste | No information available |
| Formula | No information available |
| Molecular/Formula weight (g/mole) | No information available |
| Flammability (solid, gas) | No data available |
| Flashpoint | No information available |
| Flash point tested according | Not available |
| Autoignition temperature | No information available |
| Lower explosion limit (%) | No information available |
| Upper explosion limit | No information available |
| Melting point/range | Decomposes |
| Decomposition temperature | No information available |
| Boiling point/range | No information available |
| Bulk density | No information available |
| Density (g/cm ³) | No information available |
| Specific gravity | No information available |
| pH | No information available |
| Vapor pressure @ 20 C (kPa) | No information available |
| Evaporation rate | No information available |
| Vapor density | No information available |
| VOC content (g/L) | No information available |
| Odor threshold (ppm) | No information available |
| Partition coefficient (n-octanol/water) | No information available |
| Viscosity | No information available |
| Miscibility | No information available |
| Solubility | No information available |

10 - Stability and Reactivity

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|------------------------------------|---|
| Reactivity | Reactive with oxidizing agents |
| Chemical stability | Stable under recommended storage conditions |
| Possibility of hazardous reactions | Hazardous polymerization does not occur |
| Conditions to avoid | Heat. Avoid dust formation. Dust may form explosive mixture in air. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Incompatible materials. |
| Incompatible materials | Oxidizing agents |
| Hazardous decomposition products | No information available |
| Corrosivity | No information available |
| Special remarks on corrosivity | No information available |

11 - Toxicological Information

Toxicological information

Information on likely routes of exposure

Principal routes of exposure Inhalation. Ingestion.

Acute toxicity

Component information

| | |
|--------------------------------|--------------------------|
| Irish Moss | CAS No. 9000-07-1 |
| LD50/oral/rat | 5400 mg/kg Oral LD50 Rat |
| LD50/oral/mouse | No information available |
| LD50/dermal/rabbit | No information available |
| LD50/dermal/rat | No information available |
| LD50/inhalation/rat | No information available |
| LD50/inhalation/mouse | No information available |
| Other LD50 or LC50 information | No information available |

Product information

| | |
|-----------------------|--------------------------|
| LD50/oral/rat | |
| Value toxicity | 5400 mg/kg |
| LD50/oral/mouse | No information available |
| LD50/dermal/rabbit | No information available |
| LD50/dermal/rat | No information available |
| LC50/inhalation/rat | |
| Value-Vapor | No information available |
| Value-Gas | No information available |
| Value-Dust/Mist | No information available |
| LC50/inhalation/mouse | |
| Value-Vapor | No information available |
| Value-Gas | No information available |
| Value-Dust/Mist | No information available |

Symptoms

| | |
|--|---|
| Skin contact | May cause skin irritation |
| Eye contact | May cause eye irritation |
| Inhalation | May cause respiratory tract irritation |
| Ingestion | Health injuries are not known or expected under normal use. |
| Aspiration hazard | No information available |
| Delayed and immediate effects as well as chronic effects from short and long-term exposure | |
| Chronic toxicity | No information available |
| Sensitization | No information available |

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|--|--|
| Mutagenic effects | No information available |
| Carcinogenic effects | Not considered carcinogenic |
| IARC | Supplement 7 [1987]; Monograph 31 [1983] |
| ACGIH-Carcinogens | Not listed |
| NTP | Not listed |
| OSHA HCS-Carcinogens | Not listed |
| Australia-Notifiable Carcinogenic Substances | Not listed |
| Australia-Prohibited Carcinogenic Substance | Not listed |
| Reproductive toxicity | No data available |
| Reproductive effects | No information available |
| Developmental effects | No information available |
| Teratogenic effects | No information available |
| Specific Target Organ Toxicity | |
| STOT-single exposure | No information available |
| STOT-repeated exposure | No information available |
| Target organs | No information available |

12 - Ecological Information

| | |
|-------------------------------|--------------------------|
| Ecotoxicity | |
| Ecotoxicity effects | No data available |
| Persistence and degradability | No information available |
| Bioaccumulative potential | No information available |
| Mobility in soil | No information available |
| Other adverse effects | No information available |

13 - Disposal Considerations

| | |
|-------------------------------------|--|
| Disposal methods | |
| Waste from residues/unused products | Waste must be disposed of in accordance with federal, state, and local regulation. |
| Contaminated packaging | Empty containers should be taken for local recycling, recover or waste disposal. |
| RCRA-F Series Wastes | None |
| RCRA-K Series Wastes | None |
| RCRA-P Series Wastes | None |
| RCRA-U Series Wastes | None |

14 - Transport Information

| | |
|---------------------------------|--------------------------|
| DOT | |
| UN-No. | Not regulated |
| Proper shipping name | No information available |
| Hazard class | No information available |
| Subsidiary class | No information available |
| Packing group | No information available |
| Emergency Response Guide Number | No information available |
| Marine pollutant | No data available |
| DOT RQ (lbs) | No information available |
| Special provisions | No information available |
| Symbol(s) | No information available |
| Description | No information available |
| TDG (Canada) | |
| UN-No. | Not regulated |
| Proper shipping name | No information available |
| Hazard class | No information available |
| Subsidiary risk | No information available |
| Packing group | No information available |
| Marine pollutant | No information available |
| Description | No information available |
| ADR | |
| UN-No. | Not regulated |
| Proper shipping name | No information available |
| Transport hazard class(es) | No information available |
| Packing group | No information available |
| Subsidiary risk | No information available |
| IMDG | |
| UN-No. | Not regulated |
| Proper shipping name | No information available |
| Hazard class | No information available |
| Subsidiary risk | No information available |
| Packing group | No information available |
| Marine pollutant | No information available |
| RID | |
| UN-No. | Not regulated |
| Proper shipping name | No information available |

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| | |
|-------------------------------------|--------------------------|
| Transport hazard class(es) | No information available |
| Subsidiary risk | No information available |
| Packing group | No information available |
| ICAO (air) | |
| UN-No. | Not regulated |
| Proper shipping name | No information available |
| Hazard class | No information available |
| Subsidiary risk | No information available |
| IATA | |
| UN-No. | Not regulated |
| Proper shipping name | No information available |
| Transport hazard class(es) | No information available |
| Subsidiary risk | No information available |
| Packing group | No information available |
| Precautionary Statements - Response | No information available |
| Special provisions | No information available |

15 - Regulatory Information

International Inventories

| | |
|---------------------|--------------------|
| U.S. TSCA | Present ACTIVE |
| KOREA KECL | Present KE-14-0067 |
| Philippines (PICCS) | Present |
| Japan ENCS | Not present |
| China IECSC | Present |
| Australia (AICS) | Present |
| EINECS-No. | Present 232-524-2 |

U.S. Regulations

| | |
|--|-----------------------------|
| Massachusetts RTK | Present |
| Pennsylvania RTK | Special hazardous substance |
| Pennsylvania RTK - Special hazardous subst | Present |
| Minnesota - Hazardous Substance List | Present |
| FDA - Food Additives Generally Regarded | 21 CFR 182.7255 |

FDA - 21 CFR - Total Food Additives - List sourced from EAFUS

California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986

Chemicals known to the State of California to cause cancer This product does not contain a chemical requiring a warning under California Prop. 65.

Chemicals known to the State of California to cause reproductive toxicity This product does not contain a chemical requiring a warning under California Prop. 65.

| | |
|------------------------------|------------|
| Developmental toxicity | Not listed |
| Male reproductive toxicity | Not listed |
| Female reproductive toxicity | Not listed |

CERCLA/SARA

| | |
|---|------|
| CERCLA - Hazardous Substances and their Reportable Quantities | None |
| Section 302 Extremely Hazardous | None |
| Section 302 Extremely Hazardous Substance | None |
| Section 313 - Chemical Category | None |
| Section 313 - Reporting de minimis | None |

U.S. TSCA

| | |
|---|----------------|
| TSCA Section 5(a)2 - Chemicals with Significant New Use Rules (SNURS) | Not applicable |
| TSCA 8(d) - Health and Safety Reporting | Not applicable |

Canada

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|--|---|
| WHIMIS 2015 - GHS Classifications | Not a dangerous product according to HPR classification criteria. |
| Canada Hazardous Products Regulation | This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR. |
| DSL/NDSL | |
| Canada (DSL) | Present |
| Canada (NDSL) | Not listed |
| CEPA Schedule I - Toxic Substances | Not listed |
| CEPA - 2010 Greenhouse Gases Subject | Not listed |
| EU Classification | |
| EU GHS - SV- CLP 1272/2008 | |
| R-phrase(s) | Not determined (not applicable) |
| S-phrase(s) | None |
| Concentration limits | No information available |
| The product is classified in accordance with | Annex VI to Directive 67/548/EEC |
| Indication of danger | Not dangerous |

16 - Other Information

| | |
|------------------|------------|
| Date of issue | 05/26/2015 |
| Date of revision | 06/25/2019 |

DISCLAIMER

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