



# Safety Data Sheet

## KelpGrow® LSE

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03  
Canadian Workplace Hazardous Material Information System (WHMIS) 2015  
Mexico NOM-018-STPS-2000; NOM-018-STPS-2015  
GHS (Globally Harmonized System)

Issue Date 25/Jun/2024  
Print Date 16/Apr/2025

Revision Number 1.1 NA  
Page 1 of 9

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** KelpGrow® LSE  
**Pure substance/mixture** Substance

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** Biostimulant for agricultural use.  
**Uses advised against** None known

#### 1.3. Details of the supplier of the safety data sheet

**Manufacturer** West Coast Marine Bio-Processing Corp.  
Suite 505 – 1288 Alberni Street  
Vancouver B.C. – CANADA – V6E 4N5CANADA  
**Internet** <http://www.millerchemical.com>  
**E-mail** [info@millerchemical.com](mailto:info@millerchemical.com)

**1.4. Emergency telephone number** CHEMTREC: +1 800 424 9300 or International 1+703-527-3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**OSHA Regulatory Status** This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### 2.2. Label elements

**Symbols/Pictograms** None  
**Signal Word** None

Issue Date 25/Jun/2024  
Print Date 16/Apr/2025Revision Number 1.1 NA  
Page 2 of 9**Hazard Statements** None**Precautionary Statements****Additional information** Not applicable**Hazards not otherwise classified (HNOC)** None known**SECTION 3: Composition/information on ingredients****Pure substance/mixture** Substance

Chemical Name	CAS NUMBER:	Weight-%
Liquid seaweed extract (Macrocystis Integrifolia)	NOT AVAILABLE	-

**Additional information** Preservatives are authorized for human consumption.**SECTION 4: First aid measures****4.1. Description of first aid measures****General Advice** When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.**Eye Contact** In case of eye contact, Immediately rinse with clean water for 10 minutes. Retract eyelids often. Obtain emergency medical attention if pain, blinking, tears or redness persist.**Skin Contact** Not expected to present a significant skin hazard under anticipated conditions of normal use.**Ingestion** Not expected to present a significant ingestion hazard under anticipated conditions of normal use.**Inhalation** Not expected to present a significant inhalation hazard under anticipated conditions of normal use.**4.2. Most important symptoms and effects, both acute and delayed** None known.**4.3. Indication of any immediate medical attention and special treatment needed** Treatment should be symptomatic and supportive. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable Extinguishing Media**

Material is not flammable. Use any suitable fire fighting medium.

Issue Date 25/Jun/2024  
Print Date 16/Apr/2025

Revision Number 1.1 NA  
Page 3 of 9

**Unsuitable Extinguishing Media**

None known.

**5.2. Special hazards arising from the substance or mixture**

None known.

**5.3. Advice for firefighters****Special protective equipment for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

**Fire-fighting measures**

Water mist may be used to cool closed containers. No special fire protection measures are necessary. Standard procedure for chemical fires.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Keep unauthorized personnel away. Avoid dust formation. Ensure adequate ventilation. Use personal protection recommended in Section 8. In case of fire: Stop leak if safe to do so.

**For non-emergency personnel**

Keep unauthorized personnel away.

**For emergency responders**

Keep unauthorized personnel away. Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Avoid runoff to waterways and sewers.

**6.3. Methods and material for containment and cleaning up**

Absorb large spillages with sand or any suitable medium.

**6.4. Reference to other sections**

See Section 8 for exposure controls and personal protection. See Section 13 for additional waste treatment information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Normal handling and storage consistent with good manufacturing practices should be used.

**7.2. Conditions for safe storage, including any incompatibilities**

Store at ambient temperatures. Keep from freezing. Keep containers closed until used. To maintain product quality, do not store in heat or direct sunlight.

**7.3. Specific end use(s)**

See Section 1.2.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

**Occupational exposure limits** No information available

**Biological Limit Values** No information available

**8.2. Exposure controls**

**Engineering Measures** Provide a good standard of controlled ventilation (5 to 10 air changes per hour). Use exhaust ventilation to keep airborne concentrations below exposure limits. In case of insufficient ventilation, wear suitable respiratory equipment.

**Personal protective equipment**

**Eye/Face Protection** None required.  
**Skin and Body Protection** Wear suitable protective clothing.  
**Hand Protection** Wear suitable gloves. Rubber gloves

**Respiratory Protection** No special environmental measures are necessary.  
**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls** Dispose of in accordance with local regulations.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance:**

<b>Physical State</b>	Liquid
<b>Color</b>	Dark green
<b>Odor</b>	Seaweed
<b>pH</b>	4.5 +/- 0.5 at 25° C
<b>Melting point / Freezing point</b>	Not determined
<b>Boiling Point / Boiling Range</b>	Not determined
<b>Freezing Point</b>	Not determined
<b>Flash Point</b>	Not determined
<b>Evaporation Rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Density</b>	No data available
<b>Water Solubility</b>	Complete
<b>Partition coefficient</b>	No information available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No information available.
<b>Kinematic viscosity</b>	No data available
<b>Oxidizing Properties</b>	Not applicable
<b>Particle Size</b>	No information available
<b>Specific Gravity</b>	1.06 at 25° C
<b>Percent Volatile</b>	Not determined
<b>VOC Content (%)</b>	Not applicable

**9.2. Other information****9.2.1. Information with regard to physical hazard classes**

No data available

**9.2.2. Other safety characteristics**

Not applicable

**SECTION 10: Stability and reactivity**

<b>10.1. Reactivity</b>	Stable under normal conditions
<b>10.2. Chemical stability</b>	Stable under normal conditions
<b>10.3. Possibility of hazardous reactions</b>	No specific hazard known
<b>10.4. Conditions to avoid</b>	None known
<b>10.5. Incompatible materials</b>	None known
<b>10.6. Hazardous decomposition products</b>	None known

**SECTION 11: Toxicological information**

**General Information** Users are advised to consider national Occupational Exposure Limits or other equivalent values.

**Information on Likely Routes of Exposure**

<b>Inhalation</b>	Not an expected route of exposure
<b>Skin</b>	Not considered toxic by skin contact.
<b>Eyes</b>	May cause mild irritation. Not classifiable
<b>Ingestion</b>	May cause nausea. No toxic effect expected. Irritation to the digestive system can occur.

**11.1. Information on toxicological effects**

<b>Acute Toxicity</b>	Not classified.
<b>Respiratory Sensitization</b>	Not classified.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Skin Corrosion/Irritation</b>	Not classified.
<b>Skin Sensitization</b>	Not classified.
<b>Mutagenicity</b>	Not classified.
<b>Reproductive Toxicity</b>	Not classified.
<b>Carcinogenicity</b>	Not classified.
<b>Target Organ Effects</b>	Not classified.

**11.2. Information on other hazards**

<b>11.2.1. Endocrine disrupting properties</b>	This product does not contain any known or suspected endocrine disruptors
<b>11.2.2. Other information</b>	Not applicable

**SECTION 12: Ecological information**

<b>12.1. Toxicity</b>	Should not present an ecological hazard.
<b>12.2. Persistence and degradability</b>	No data available
<b>12.3. Bioaccumulative potential</b>	No data available

Issue Date 25/Jun/2024  
Print Date 16/Apr/2025Revision Number 1.1 NA  
Page 7 of 9

<b>12.4. Mobility in soil</b>	No data available
<b>12.5. Results of PBT and vPvB assessment</b>	No data available
<b>12.6. Endocrine disrupting properties</b>	This product does not contain any known or suspected endocrine disruptors
<b>12.7. Other Adverse Effects</b>	None known

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Disposal Methods</b>	If uncontaminated, recover and reuse as product. If contaminated with other materials, the nature and extend of contamination may require use of specialized disposal methods. Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Product residue may remain in empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: Transport information

### Mode of Transportation (Road, Water, Air, Rail)

<b>TDG -Canada</b>	Not regulated
<b>DOT</b>	Not regulated
<b>ADR</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADN</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated
<b>ICAO</b>	Not regulated

<b>14.1. UN number or ID number</b>	None
<b>14.2. UN proper shipping name</b>	None
<b>14.3. Transport hazard class(es)</b>	None
<b>14.4. Packing group</b>	None
<b>14.5. Environmental hazards</b>	No
<b>14.6. Special precautions for user</b>	Not applicable

**14.7. Maritime transport in bulk according to IMO instruments**  
Not applicable

## SECTION 15: Regulatory information

Issue Date 25/Jun/2024  
Print Date 16/Apr/2025Revision Number 1.1 NA  
Page 8 of 9**Global Inventories****Pure substance/mixture**                      Substance

Chemical Name	CAS Number	Canada (DSL)	Mexico	TSCA: United States
Liquid seaweed extract (Macrocystis Integrifolia)	--	-	-	-

Y: Complies ; A: Active ; - / N: Exempt / Not Listed

**EPA****CWA (Clean Water Act)**

Not regulated

**CAA (Clean Air Act)**

Not regulated

**U.S. State Right-to-Know Regulations**

Chemical Name	CAS Number	California Proposition 65	Massachusetts	Minnesota	New Jersey	Pennsylvania
Liquid seaweed extract (Macrocystis Integrifolia)	--	N	N	N	N	N

Y: Listed ; N: Not Listed

**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)**

This product does not contain any Proposition 65 chemicals

**CANADA****WHMIS**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

**SECTION 16: Other information****Prepared by**Miller Chemical and Fertilizer, A Huber Company, Global Regulatory Affairs  
regulatory.affairs@huber.com**Issue Date**

25/Jun/2024

**Print Date**

16/Apr/2025

**Revision Number**

1.1 NA

**Reason for Version**

New Format.

**Abbreviations and acronyms**

OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 WHMIS (Workplace Hazardous Materials Information System)  
 GHS (Globally Harmonized System)  
 IARC (International Agency for Research on Cancer)  
 PPE (Personal Protection Equipment)  
 TWA (Time-Weighted Average)  
 TLV® (Threshold Limit Value)  
 STEL (Short Term Exposure Limit)  
 RQ (Reportable Quantity) (RQ/% in mixture)  
 DOT (Department of Transportation)  
 TDG (Transport of Dangerous Goods) Canada

**MILLER CHEMICAL**

**Safety Data Sheet  
KelpGrow® LSE**

**Issue Date** 25/Jun/2024  
**Print Date** 16/Apr/2025

**Revision Number** 1.1 NA  
**Page 9 of 9**

IATA (International Air Transport Association)  
IMDG (International Maritime Dangerous Goods)  
ICAO (International Civil Aviation Organization)

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**