

SAFETY DATA SHEET

Section 1 - Identification of the substance/mixture and of the supplier

Trade Name: Black Sea Kelp

Product Code: BlackSeaKelp

Chemical Name: Liquid fertilizer blend 1-1-17

Application/Uses: Fertilizing Compound, soil amendment, ingredient in fertilizer or soil amendment

Restrictions: None

Distributor Information: PERFORMANCE NUTRITION - A Division of LidoChem, Inc. 20 Village Court, Hazlet, NJ 07730
Phone: (732) 888 8000 • Fax: (732) 264 2751 • email: info@lidochem.com

Emergency Phone Number: CHEMTREC - Day or Night - at 800 424 9300

Section 2 - Hazard Identification

Classification of the substance or mixture (GHS-US)

Acute Toxicity, Oral – Category 5

Physical Hazards

None

Hazard Statements

H303: May be harmful if swallowed

Precautionary Statements:

Precautionary Statements - Prevention, Response, Storage, Disposal

P102: Keep out of reach of children

P103: Read label before use

P281: Use personal protective equipment as required

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P302+350: IF ON SKIN: Gently wash with plenty of soap and water

P304+341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Seek medical attention.

P374: Fight fire with normal precautions from a reasonable distance

P412: Do not expose to temperatures exceeding 50 °C/122 °F

GHS Label elements

Hazard Pictograms



Signal Word

Warning

HNOC - Hazards Not Otherwise Classified

None

SAFETY DATA SHEET

Section 3 - Composition/Information on Ingredients

Chemical Identity: Proprietary formula

CAS#:	Common Name/Synonyms:	% by Wt.
none	Trade Secret	100%

Section 4 - First Aid Measures

Description of first aid measures

General Advice:

Remove contaminated clothing and shoes. Seek medical advice immediately and show safety data sheet or product label to the doctor, if possible.

If Inhaled:

Remove person from contaminated area to fresh air. If not breathing, give artificial respiration. Seek medical attention if irritation or dizziness occurs.

In Case Of Skin Contact:

Remove contaminated clothing and wash before re-using. Flush skin with water and then wash with soap and water. Seek medical attention if irritation persists.

In Case Of Eye Contact:

Flush eyes with large quantities of running water for a minimum of 15 minutes. If present and easy to do, remove contact lenses. Hold eyelids apart during the flushing to ensure rinsing of entire surface of the eye and lids with water. **DO NOT** let victim rub eye(s). Do not attempt to neutralize with chemical agents. Oils/ointments should not be used at this time. Get medical attention if eye irritation occurs.

If Swallowed:

Call a physician or poison control center immediately. **DO NOT** induce vomiting. If conscious, immediately rinse mouth with water. If vomiting occurs, keep head low so that stomach content doesn't get into lungs. **Never give anything to eat or drink to someone who is unconscious, having convulsions, or unable to swallow.**

Most important symptoms and effects, both acute and delayed:

Skin contact may produce skin irritation. Eye contact may produce eye irritation. Ingestion may cause gastrointestinal irritation.

Indication of any immediate medical attention and special treatment needed:

Remove all residual material if possible. Product is likely to contain naturally-occurring microorganisms, so exposed open wounds or mucous membranes should be decontaminated appropriately.

Section 5 - Fire-fighting Measures

Extinguishing media:

Suitable extinguishing media: water spray, dry powder, carbon dioxide, foam

Specific Hazards arising from the substance or mixture:

Product is not flammable. However, heating of the product may produce steam, which may present a burn hazard.

Advice for firefighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SAFETY DATA SHEET

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures:

As outlined in section 8, wear PPE. Wear waterproof gloves, work clothes, and eye protection.

Environmental precautions:

Do not allow spilled product to enter water supplies. Contain spill with sand dikes, sawdust, or physical barrier.

Methods and materials for containment and cleaning up:

Spilled material may be mopped up or absorbed with a suitable absorbent. Collected liquid and used absorbent should be transferred to appropriate containers. It should be disposed of according to local regulations.

Section 7- Handling and Storage

Precautions for safe handling:

Do not eat, drink or smoke when using this product. Wash hands and other exposed areas thoroughly after handling. Protect open wounds from contact with product. Take precautions to minimize splashing.

Conditions for safe storage, including any incompatibilities:

Store indoors at ambient temperature. Store in original container. Keep away from children and pets. Store below 120°F where possible.

Section 8 - Exposure Control / Personal Protection

Control parameters:

Chemical Identity:	CAS #:	ACGIH Threshold Limit Values		OSHA PEL		NIOSH REL	
		TWA	STEL	TWA	STEL	TWA	STEL
Trade Secret	none						

Appropriate engineering controls:

Provide sufficient ventilation to maintain airborne concentrations below the recommended exposure limits. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

Individual protection measures, such as personal protective equipment:

Eye protection:

Tightly fitting safety goggles or face shield if a splashing hazard exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.

Skin protection:

Handle with waterproof gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands.

SAFETY DATA SHEET

Section 8 - Exposure Control / Personal Protection (cont.)

Body protection:

Body protection must be chosen depending on activity and possible exposure, i.e. apron, chemical resistant footwear plus socks, long sleeved shirt, long pants, chemical protection suit.

Respiratory protection:

Not necessary in normal working conditions. If respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the latest OSHA standard (29 CFR 1910.134) and/or ANSI Z88.2 recommendations.

General safety and hygiene measures:

Use good personal hygiene practices. This substance is made from natural products, and it may contain naturally-occurring microorganisms. Take proper precautions to avoid infection of open wounds and eye irritation. Hygiene practices necessary to prevent health hazards from natural substances such as soil, wood chips, bark, compost, etc. should be observed. After handling product, hands should be washed with soap and water before eating, drinking, smoking, or using toilet facilities.

Section 9 - Physical and Chemical Properties

Appearance (physical state, color, etc):	Brown granular
Odor:	None
Odor threshold:	None
pH:	12 +/-
Melting point:	No data available.
Freezing point:	No data available.
Initial boiling point:	No data available.
Boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility:	Miscible with water
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Specific gravity:	No data available.
Bulk Density:	No data available.

SAFETY DATA SHEET

Section 10 - Stability and Reactivity

Reactivity:

Inert

Chemical stability:

Product is inert and stable under normal conditions.

Possibility of hazardous reactions:

No data available.

Conditions to avoid (i.e. static discharge, shock or vibration):

Keep away from open flames, hot surfaces, and sources of ignition.

Incompatible materials:

Strong acids, strong bases, strong oxidizers, strong reducing agents, water-sensitive materials.

Hazardous decomposition products:

CO₂ (carbon dioxide). CO (carbon monoxide).

Section 11- Toxicological Information

Likely routes of exposure:

Ingestion, inhalation, skin and eye contact.

Symptoms related to physical, chemical and toxicological characteristics and delayed and immediate effects and chronic effects from short and long term exposure:

Acute Toxicity:

Inhalation of a large amount of dust may cause mechanical irritation of the eyes, nose, throat and respiratory passages in sensitive individuals.

Skin corrosion/irritation:

May cause skin irritation.

Serious eye damage/eye irritation:

May cause eye irritation.

Respiratory or skin sensitization:

No data available.

Carcinogenicity:

No data available.

SAFETY DATA SHEET

Section 11- Toxicological Information (cont.)

Germ cell mutagenicity:

No data available.

Reproductive toxicity:

No data available.

Specific target organ toxicity - single or repeated exposure:

No data available.

Aspiration hazard:

No data available.

Symptoms after inhalation:

May cause respiratory irritation.

Symptoms after skin contact:

May cause skin irritation.

Symptoms after eye contact:

May cause eye irritation including redness and inflammation.

Symptoms after ingestion:

May cause intestinal irritation if ingested.

Section 12- Ecological Information

Ecotoxicity (aquatic and terrestrial, where available):

Toxicity to fish (acute and chronic):

No data available.

Toxicity to daphnia and other aquatic invertebrates (acute and chronic):

No data available.

Toxicity to algae:

No data available.

SAFETY DATA SHEET

Section 12- Ecological Information (cont.)

Persistence and degradability:

Not available

Bioaccumulative potential:

No data available.

Mobility in the soil:

No data available.

Other adverse effects:

No data available.

Section 13 - Disposal Considerations

Waste treatment methods - product:

Material may be disposed of as organic waste in accordance with all local, state and federal regulations. In unused condition, product is not considered to be a RCRA defined hazardous waste by character/listings. Responsibility of the waster generator to evaluate whether this wastes are hazardous by characteristic/listing. Do not dispose of waste product in sewers, storm drains, lakes, ponds, streams, or other bodies of water.

Waste treatment methods - container:

Material should be disposed of in its original container, where possible. If original container is not available, material may be disposed of in any suitable waterproof closed-top container. Dispose in accordance with all local, state and federal regulations.

Section 14 - Transport Information - US DOT, IATA, IMO, ADR:

Proper Shipping Name:	Fertilizing Compound, NOI, Liquid - Black Sea Kelp		
D. O. T. Hazard Class:	Not Regulated by D.O.T.	UN #:	N/A
Label Requirement:	None	RQ:	
Placard:	None	CAS:	Mixture
Packing Group:	N/A	ERG Book Information:	Guide # 171
Environment Hazards:	No	Marine Pollutant:	No
Special Precautions:	No	IATA:	Not regulated as dangerous goods.

Section 15 - Regulatory Information

U.S. Federal - OSHA Status:

This product does NOT contain any products considered hazardous under the Federal OSHA HazCom. Standard 29 CFR 1910.1200.

TSCA Status:

Not Listed/Non-reportable

SARA Title III Section 302 - EXTREMELY HAZARDOUS SUBSTANCES:

This product does NOT contain ingredients listed in Appendix A and B as Extremely Hazardous substances.

SAFETY DATA SHEET

Section 15 - Regulatory Information (cont.)

SARA Title III Sections 311/312:

N/Ap

SARA Section 313 Toxic Chemicals:

This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act:

CAS#	Chemical Name:
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SARA Superfund Section 110:

This product does not contain ingredients listed as hazardous substances on the Priority List of CERCLA Hazardous substances.

CERCLA, 40 CFR 117, 302:

This product does not contain ingredients specified in the List of Extremely Hazardous Substances.

CERCLA listed substances are:

Ethylendiamine tetraacetic Acid RQ 5000lbs

Other Federal Reporting Requirements:

CAA: This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act

CWA: No chemicals in product are listed a Hazardous Substances, Priority Pollutants or Toxic Pollutants under the CWA.

RCRA: Not a hazardous waste under RCRA.

State Reporting Requirements:

State Right to Know Laws:

CAS#	State RTK	Chemical Name
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CALIFORNIA PROPOSITION 65:

To the best of our knowledge, this product does NOT contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Michigan Critical Materials:

This product does NOT contain ingredients listed on the Michigan Critical Materials Register.

Global Lists/International Inventories:

Canada CEPA: All components are listed on the Canadian DSL

SAFETY DATA SHEET

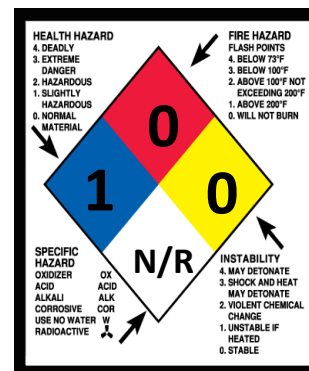
Canada WHMIS: None known

Section 16 - Other Information

Note Section 3: Any concentration shown as a range is to protect confidentiality or is due to batch variation.

8-20-18 - Reviewed, updated California Proposition 65 statement, this replaces all previous SDS's.

1-25-19 - Updated pH



Date of last revision:

1/25/2019

NOTICE: OSHA STANDARD 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a Hazard Communication Program including training, labeling, Safety Data Sheets, and access to written records. We request that you, and it is your legal duty, make all information in this Safety Data Sheet available to your employees.

Key Legend Information:

N/Ap:	Not Applicable	ND:	Not Determined
N/R:	Not Rated	NDA:	No Data Available
ACGI:	American Conference of Govr'ntal Industrial Hygienists	TLV:	Threshold Limit Value
OSHA:	Occupational Safety and Health Administration	TWA:	Time Weighted Average
PEL:	Permissible Exposure Limit	NTP:	National Toxicology Program
STEL:	Short Term Exposure Limit	TSCA:	Toxic Substance Control Act
IARC:	International Agency for Research on Cancer	CERCLA:	Comprehensive Response, Compensation and Liability Act
SARA Title III:	Superfund Amendments and Reauthorization Act	CWA:	Clean Water Act
CAA:	Clean Air Act		
RCRA:	Resource Conservation Recovery Act		
IATA:	International Air Transport Association Shipping Info.	IMO:	International Maritime Organization Shipping Info.
DSL:	Domestic Substance List (Canada)	WHMIS:	Workplace Hazardous Materials Information System

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This Safety Data Sheet was prepared to comply with OSHA Hazard Communication standard. (29 CFR 1910.1200 HazCom 2012). This supersedes any previous information. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by LidoChem, Inc. as to the effects of such use or the results to be obtained, nor does LidoChem, Inc. assume any liability arising out of use, by others, of the products referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist because of applicable laws or government regulations. All LidoChem Inc. SDS's are reviewed every three years or sooner if necessary. Please check the Review Date on Page 1 for most current version. Please request a new SDS from LidoChem, Inc. if the date is older than 3 years.