


## GRAVITY KELP PLUS

### Safety Data Sheet

NFPA HAZARD RATING				U.S. TRANSPORT SUMMARY	
0	Least			Not regulated by U.S. Department of Transportation as a hazardous material (See Section 14 for additional information)	
1	Slight	1	Health		
2	Moderate	0	Flammability		
3	High	0	Reactivity		
4	Severe				

SECTION 1: IDENTIFICATION	
<b>Product Name:</b>	Gravity Kelp Plus
<b>EPA Registration #:</b>	Exempt
<b>Product ID/Unity #:</b>	
<b>Common Name:</b>	
<b>Chemical Description:</b>	Liquid soil amendment
<b>Recommended Uses:</b>	Micronutrient complex – See product label for directions for use.
<b>Restrictions for Use:</b>	See product label for information regarding restrictions on the use of this product.
<b>Manufactured For:</b> WinField Solutions, LLC P. O. Box 64589 St. Paul, MN 55164	<b>MEDICAL EMERGENCY TELEPHONE NUMBER: call 911</b>  <b>Non-Emergency Business Inquiries: 1-800-957-0547</b> Mon – Fri 8am – 5pm (Central Standard Time)
<b>FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300 (24 hours)</b>	

SECTION 2: HAZARDS IDENTIFICATION			
<b>EMERGENCY OVERVIEW:</b>			
<b>POTENTIAL HEALTH EFFECTS:</b>			
<b>Eyes:</b>	May cause irritation to the eyes.		<b>WARNING</b> MAY BE HARMFUL IF SWALLOWED MAY CAUSE MILD SKIN IRRITATION MAY CAUSE EYE IRRITATION MAY CAUSE RESPIRATORY IRRITATION
<b>Skin:</b>	May cause redness of skin.		
<b>Inhalation:</b>	May cause irritation of the respiratory tract.		
<b>Ingestion:</b>	May cause irritation of the gastric system.		
<b>Preexisting Conditions:</b>	None known.		
<b>Chronic Health Effects:</b>	None known.		
<b>Carcinogenicity</b>	NTP: Not listed	IARC: Not listed	OSHA: Not listed
<b>OSHA HCS 2012 CLASSIFICATION:</b> This product does not meet the definition of a hazardous chemical under OSHA's Hazard Communication Standard.			
<b>SIGNAL WORD:</b> WARNING			
<b>HAZARD STATEMENTS:</b>			
Percent of product with unknown toxicity: 0%			
<b>PRECAUTIONARY STATEMENTS:</b>			
<b>Prevention:</b>	See Section 8 for personal protective equipment.		
<b>Response:</b>	See Section 4 for first aid.		
<b>Storage:</b>	See Section 7 for storage information.		
<b>Disposal:</b>	See Section 13 for disposal information.		

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	% (wt)	CAS Reg. #
Ascophyllum Nodosum and Humate CAS# 1415-93-6 proprietary blend	100%	
*Ingredients not specifically listed are non-hazardous and/or considered to be confidential business information under 29 CFR 1910.1200(i).		
See Section 8 for exposure limits.		

SECTION 4: FIRST AID MEASURES	
<b>Inhalation:</b>	Move to fresh air. If breathing becomes difficult, call physician.
<b>Ingestion:</b>	Irritation may occur. Contact poison control immediately.
<b>Eyes:</b>	Flush immediately with water. Seek medical attention if irritation persists.
<b>Skin:</b>	Wash thoroughly with soap and water. Remove contaminated clothing and wash before re-use. See physician if skin becomes irritated.

SECTION 5: FIRE FIGHTING MEASURES	
<b>Suitable Extinguishing Media:</b> Foam, dry chemical, water spray	
<b>Unsuitable Extinguishing Media:</b> Not determined	
<b>Hazardous Combustion Products:</b> None known	
<b>Unusual Fire and Explosion Hazards:</b> None known	

SECTION 6: ACCIDENTAL RELEASE MEASURES	
<b>Personal Precautions:</b> Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.	
<b>Environmental Precautions:</b> Keep spilled product from entering nearby sewers or waterways.	
<b>Methods for Containment:</b> Contain spilled liquid by diking area with sand or earth.	
<b>Methods for Clean-up:</b> Cover contained spill with inert absorbent material such as sand, vermiculite or other appropriate material. Vacuum, scoop or sweep up material and place in a container for disposal. Dispose according to local, state and Federal regulations.	
<b>Other Information:</b> None known	

SECTION 7: HANDLING AND STORAGE	
<b>Handling:</b> Transfer using chemical resistant pumps, valves and hoses. Ensure adequate ventilation during handling and use. Immediately clean up spills that occur during handling. Keep containers closed when not in use. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet or applying cosmetics.	
<b>Storage:</b> Store in original containers in a cool, well ventilated area. Do not store below 40° F or above 110° F. Do not stack pallets more than two (2) high.	
<b>Minimum Storage Temperature:</b> 40° F	
<b>Other Precautions:</b> Consult Federal, state and local laws and regulations pertaining to storage.	

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION			
Exposure Guidelines			
Component:	OSHA PEL	ACGIH TLV	NIOSH REL
<b>Respiratory Protection:</b> Respiratory – Not normally needed. If use generates mist, use NIOSH-Dust/Mist Respirator (such as 3M #8710).			
<b>Engineering Controls:</b>	<b>Local Exhaust:</b> Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.		
<b>Protective Gloves:</b> Wear impervious gloves to prevent exposure to skin.			
<b>Eye Protection:</b> Chemical Dust Splash/Dust Goggles or Full face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.			
<b>Other Protective Clothing or Equipment:</b> Wear long sleeve shirt, long pants and shoes plus socks to prevent skin contact. May stain clothing.			
<b>Work/Hygienic Practices:</b> Never eat, drink, nor use tobacco in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.			

## GRAVITY KELP PLUS

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES			
Physical State:	Liquid	Specific Gravity (H <sub>2</sub> O=1):	1.35
Vapor Pressure (mm Hg):	Not applicable	Density (lbs/gallon):	Not determined
Vapor Density (Air=1):	Not applicable	Melting Point/Freezing Point:	28° F
Solubility in Water (wt %):	100%	Boiling Point/Range:	212° F
Viscosity:	Not determined	pH (1% Solution):	2.5 – 3.5
Appearance and odor:	Earthy/Organic Odor. Brown viscous Liquid.	Flash Point:	Not determined

SECTION 10: STABILITY AND REACTIVITY
<p>Reactivity: None Known</p> <p>Chemical Stability: Product is stable at ambient temperature and pressure, under normal storage and handling.</p> <p>Possibility of Hazardous Reactions: None known</p> <p>Conditions to Avoid: None known</p> <p>Incompatible Materials: None known</p> <p>Hazardous Decomposition Products: If burning, will release carbon monoxide/carbon dioxide</p>

SECTION 11: TOXICOLOGICAL INFORMATION
<p><b><u>ACUTE TOXICITY</u></b></p> <p>Eye Effects: Mild irritant</p> <p>Skin Effects: Mild irritant</p> <p>Acute Inhalation Effects: Mild irritation may occur</p> <p>Acute Oral Effects: May cause cramps or nausea</p> <p>Specific Target Organ: None known</p> <p>Toxicity:</p> <p><b><u>CHRONIC TOXICITY</u></b></p> <p>Chronic Effects: Not known</p> <p>Carcinogenicity: Not applicable</p> <p>Mutagenicity: Not applicable</p> <p>Teratogenicity: Not applicable</p> <p>Reproductive Toxicity: Not applicable</p> <p><b>POTENTIAL HEALTH EFFECTS:</b></p> <p>Eyes: Mild irritant. May cause redness/burning.</p> <p>Skin: Mild irritant, especially from prolonged exposure may occur.</p> <p>Inhalation: Mild irritation may occur.</p> <p>Ingestion: May cause cramps or nausea.</p>

SECTION 12: ECOLOGICAL INFORMATION
<p><b>ENVIRONMENTAL SUMMARY:</b> Not determined</p> <p><b><u>ECOTOXICITY DATA:</u></b></p> <p>Fish Acute and Prolonged Toxicity: Not determined</p> <p>Aquatic Invertebrate Acute Toxicity: Not determined</p> <p>Aquatic Plant Toxicity: Not determined</p> <p>Bird Acute and Prolonged Toxicity: Not determined</p> <p>Honeybee Toxicity: Not determined</p> <p><b><u>ENVIRONMENTAL EFFECTS:</u></b></p> <p>Soil Absorption/Mobility: Not determined</p> <p>Persistence and degradability: Not determined</p> <p>Bioaccumulative Potential: Not determined</p> <p>Other adverse effects: None known</p>

## GRAVITY KELP PLUS

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste:** Do not contaminate lakes, streams, ponds, estuaries, oceans, or any other bodies of water by discharge of effluents or wastewaters. Dispose of waste effluents according to Federal, state and local regulations.

**Container:** Triple rinse and recycle the container or dispose of in accordance with Federal, state and local laws and regulations.

**RCRA Characteristics:** It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

### SECTION 14: TRANSPORT INFORMATION

<b>DOT: (Ground)</b>	This product is not regulated by the U.S Department of Transportation as a hazardous material for ground shipment
<b>IMDG: (Sea)</b>	Not determined
<b>IATA: (Air)</b>	Not determined NOT REGULATED
<b>TDG: (Canada)</b>	Not determined

### SECTION 15: REGULATORY INFORMATION

**TSCA Inventory:** None

**SARA Title III Information:**

Section 302 – Extremely hazardous substances:	None listed
Section 311/312 – Hazard Categories:	None listed
Section 313 – None listed	

**CERCLA –** This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):

**California Proposition 65:** Not determined

**U.S. State Worker and Community Right-To-Know (RTK) Information**

Chemical Name	CAS #	State(s)
Not determined		

**Canadian Domestic Substances List:** Not determined

**WHMIS Classification:** This product is not approved for use in Canada. WHMIS classification is not determined.

### SECTION 16: OTHER

**Disclaimer:** The information presented herein is based on available data from reliable sources and is correct to the best of Harvest Grows' knowledge. Harvest Grow, LLC makes no warranty, express nor implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.

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**Sections Revised:** All