



# Material Safety Data Sheet

WHMJS (Pictograms)	WHMIS (Classification)	Protective Clothing
	Not controlled under WHMIS (Canada).	

## Section 1. Chemical Product and Company Identification

Product Name/ Trade Name	<b>SUPER GREEN ORGANO ULTRA HUME 24%</b>	Code	KING2015R2
Supplier	K.I.N.G. Nutrients Global Inc. 865-A blvd. Monseigneur. Langlois Valleyfield, Quebec, J6S 188 Tel: 1-800-663-3429 Fax: (450) 373-3518	CAS #	68514-28-3
Synonym	SUPER GREEN Liquid Organo Hume 24%, Organo Hume 24%, Organo Hume ULTRA	OMRI CERTIFIED # Isp-2336/ Isp-4982 ECO CERT CERTIFIED <b>100% naturally organic</b>	
Chemical Name	Humic acid 100% Organic	CI#	
Chemical Family	Carboxylic groups	Validation Date	10/16/2015
Chemical Formula	C187H186O89N9S 1	Print Date	10/19/2015
Manufacturer	K.I.N.G. Nutrients Global Inc. 865-A blvd. Monseigneur. Langlois Valleyfield, Quebec, J6S 188 Tel: 1-800-663-3429 Fax: (450) 373-3518	In Case of Emergency	1-800-663-3429  CANUTEC (613) 996-6666
Material Uses	Garden / Plant Nutrients		

## Section 2. Composition and Information on Ingredients

Name	CAS#	% by Weight	Exposure Limits	LC50/LD50
1) Humic Acids, Potassium Salts	68514-28-3	24.00%	Not Applicable	Not Applicable

## Section 3. Hazards Identification

Potential Acute Health Effects	Swallowing: May cause nausea, headache. Skin Absorption: No evidence of adverse effects from available information. Inhalation: May cause nasal stuffiness, cough, sore throat. Avoid breathing vapors and mist. Skin contact: Staining may occur - wash with soap and water. No harmful effects expected. Eye contact: No harmful effects expected from vapor. If splashed in eyes, rinse immediately with water for 15 minutes. Effects of Repeated (Chronic) Overexposure: No evidence of adverse effects from available information.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Effects of chronic exposure to product: None known

#### Section 4. First Aid Measures

Eye Contact	Flusheyes immediately with tepid water for at least 15 minutes.
Skin Contact	Rinse with water after use.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	DO NOT induce vomiting. Rinse mouth with water, then drink one glass of water. Contact doctor immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

#### Section 5. Fire Fighting Measures

Products of Combustion	Will not burn or support combustion.
Fire Fighting Media and Instructions	Water, dry chemical, carbon dioxide
Special Remarks on Fire Hazards	Non combustible.
Special Remarks on Explosion Hazards	No additional remark.


#### Section 6. Accidental Release Measures

Small Spill and Leak	Sweep or vacuum up.
Large Spill and Leak	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Personal Protection in Case of a Large Spill	Not required.

#### Section 7. Handling and Storage

Precautions	After handling, always wash hands thoroughly with soap and water.
Incompatibility	Air or moisture causes
Storage	No special requirements. Keep containers closed when not in use. Keep out of reach of children.

#### Section 8. Exposure Controls/ Personal Protection

Engineering Controls	General ventilation normally adequate.
Personal Protection	<p><i>Eyes</i> Eye protection recommended</p> <p><i>Body</i> Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.</p> <p><i>Respiratory</i> Not normally required when used as directed.</p> <p><i>Hand</i> Not normally required when used as directed; however, it is a good practice to wear chemical resistant gloves when using any chemical product.</p>
Protective Clothing (Pictograms)	
Exposure Limits	Not available

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Liquid	Odor	Nonscented
Molecular Weight		Taste	
pH (1 % Soln/Water)	9.00-10.00	Color	Brownish
Boiling/Condensation Point	94.00C		
Melting/Freezing Point	Not Measured.		
Critical Temperature			
Instability Temperature			
Specific Gravity	1.07 g/cm <sup>113</sup>		
Vapor Pressure	None		
Vapor Density	Does not apply		
Volatility	0% (w/w).		
Evaporation Rate	Not applicable.		
Odor Threshold	Not available.		
Viscosity	Not applicable		
LogKow	Not available.		
Ionieity (in Water)			
Dispersion Properties			
Solubility	Complete		
The Product is:	Non-flammable.		
Auto-ignition Temperature	Not applicable.		
Flash Points	Not applicable.		
.Flammable Limits	Not applicable.		
Fire Hazards in Presence of Various Substances			
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.		

**Section 10. Stability and Reactivity Data**

Stability	The product is stable.
Conditions of Instability	Not available.
Incompatibility with Various Substances	Air or moisture causes
Corrosivity	
Hazardous Decomposition Products	Avoid heating
Special Remarks on Reactivity	
Special Remarks on Corrosivity	

### Section 11. Toxicological Information

Routes of Entry Skin. Eye contact. Ingestion.

Toxicity to Animals

Acute Effects on Humans

Eyes

Skin

Inhalation

Ingestion

Chronic Effects on Humans CARCINOGENIC EFFECTS: Not available.  
MUTAGENIC EFFECTS: Not available.  
TERATOGENIC EFFECTS: Not available.  
DEVELOPMENTAL TOXICITY: Not available.  
Effects of chronic exposure to product: None known

Special Remarks on Toxicity to Animals

Special Remarks on Chronic Effects on Humans

Special Remarks on Other Toxic Effects on Humans

### Section 12. Ecological Information

Ecotoxicity

BOD5 and COD

Products of Biodegradation

Toxicity of the Products of Biodegradation

Special Remarks on the Products of Biodegradation

### Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream

### Section 14. Transport Information

TOG Classification Not controlled under TOG (Canada).



PIN Not applicable.

Maritime Transportation

Special Provisions for Transport Not applicable.

## Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) Not controlled under WHMIS (Canada).



Regulatory Lists

Other Regulations

Other Classifications

HCS (U.S.A.)

USA Regulatory Lists

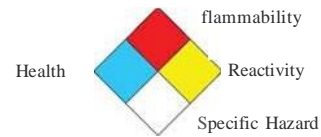
DSD (EEC)

International Regulations Lists

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)



DOT (U.S.A) (Pictograms)

DSD (Europe) (Pictograms)

ADR (Europe) (Pictograms)

## Section 16. Other Information

References  
 -Manufacturer's Material Safety Data Sheet.  
 -CRC Handbook of laboratory safety, Third edition, Norman V. Steere, P.E., Minneapolis, Minnesota.

Other Special Considerations  
 All information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations of mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product. Personal hygiene, and integrity of the work environment. (Unless noted to the contrary, the technical information applies only to pure product). To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither King Global Inc. nor any of its affiliates makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. The user alone must finally determine suitability of any information or material for any contemplated use in compliance with applicable law, the manner of use and whether any patents are infringed. This information gives typical properties only and is not to be used for specification purposes. King Global Inc. reserves the right to make additions, deletions or modifications to the information at any time without prior notification.

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Verified by Technical Manager.

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Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health and safety hazards. All safety data sheets described herein, we certify that these are the only hazards that exist.

Validated on 10/16/2015.

**ORGANO HUME ULTRA 24%**

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