



MATERIAL SAFETY DATA SHEET

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SECTION 1 – PRODUCT COMPANY & USE

PRODUCT IDENTIFIER:	GROMAX 0-0-5	
PRODUCT USE:	Seaweed Fertilizer	SUPPLIER'S NAME: Same as manufacturer
MANUFACTURER'S NAME:	Agrisol Manufacturing Inc	ADDRESS:
ADDRESS	220 – 7565, 132 Street, Surrey, BC, V3Z 1K7, Canada	
Emergency Phone No: (604)-805-2417		

SECTION 2 – INGREDIENTS

Ingredient	CAS #	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES & ROUTE)
Seaweed	NAP	NAP

SECTION 3 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES & ROUTE)
Does not contain any hazardous ingredient.	NAP	NAP

SECTION 4 – FIRST AID MEASURES

INHALATION:	Not likely, but move sensitive victim to fresh air. Obtain medical assistance if conditions worsen.
SKIN CONTACT:	Thoroughly wash the affected area with mild soap and water for fifteen (15) minutes. Seek medical attention if irritation persists.
EYE CONTACT:	Flush eyes, including under the eyelids, with clean running water for at least fifteen (15) minutes. Seek medical attention if irritation persists.
INGESTION:	Do not attempt to give anything by mouth to unconscious victim. If victim is alert and not convulsing, rinse mouth and give water to dilute material. If vomiting occurs, have victim lean forward with head down to avoid breathing in vomit, rinse mouth. Obtain medical attention immediately.

SECTION 5 – FIRE AND EXPLOSION DATA

FLAMMABLE:	NAP		
IF YES, UNDER WHAT CONDITIONS?	Even though product is not combustible, it can contribute to combustion as a source of fuel.		
MEANS OF EXTINCTION:	Water, Fog, Foam, Dry Chemical, CO ₂ .		
SPECIAL PROCEDURES:	If possible remove containers from fire area without risk. Spray water from as far a distance as possible.		
FLASHPOINT (°C) & METHOD:	NAV	AUTOIGNITION TEMPERATURE (°C)	NAV
LOWER FLAMMABLE LIMIT (% by volume):	NAV	UPPER FLAMMABLE LIMIT (% by volume):	NAV
SENSITIVITY TO IMPACT:	Some evidence	SENSITIVITY TO STATIC DISCHARGE:	No evidence
HAZARDOUS COMBUSTION PRODUCTS:	Iron Oxides, Ammonia, Nitrogen Oxides, Carbon Oxides, Calcium Oxides, Potassium Oxide.		

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SECTION 6 – ACCIDENTAL RELEASE DATA

Cleanup personnel should wear personal protective equipment as necessary to prevent skin/eye contact. Absorb the liquid with sheets of snake and place into suitable container for reclamation or disposal. Rinse surface with water but do not let it enter into any water source.

SECTION 7 – STORAGE & HANDLING

STORAGE REQUIREMENTS	Should be stored in its original containers in a cool dry location to minimize product expansion and possible leakage.
HANDLING PROCEDURES	Do not handle unless safety precaution have been read and understood, avoid eye and skin contact. Avoid inhalation of vapours. Do not puncture, drag or slide container.

SECTION 8 – PRSONAL PROTECTION/PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT	Hands: Wear water resistant rubber type gloves (latex, nitrile, PVC). Respirator: Wear- NIOSH approved respirator, Eye: Wear goggles, Foot-wear work boot/rubber boots, Clothing: Long sleeve and pants - no special clothing required.
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SECTION 9 – PHYSICO-CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	ODOUR & APPEARANCE	Blackish-brown thick liquid with Seaweed odor
ODOUR THRESHOLD (ppm):	NAV	VAPOUR PRESSURE (mmHg):	NAV
VAPOUR DENSITY (air=1):	NAV	SPECIFIC GRAVITY:	1.25 g/cm ³
pH	9.5 -10.0	BOILING POINT (°C)	100 °C
FREEZING POINT (°C)	0.0 - 10	EVAPORATION RATE:	NAV
COEFF WATER/OIL DIST	NAV	SOLUBILITY (in water):	Soluble in water

SECTION 10 – REACTIVITY DATA

CHEMICAL STABILITY:	Stable at room temperature in closed containers and under normal storage and handling conditions.		
REACTIVITY AND UNDER WHAT CONDITIONS:	Keep away from ignition sources, shock, water/moisture, heat and incompatible materials.		
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Monoxide and Carbon Dioxide.		
INCOMPATIBILITY:	Strong acids.	CORROSIVE BEHAVIOUR:	No

SECTION 11 – TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:									
SKIN CONTACT:	Yes	SKIN ABSORPTION:	Yes	EYE CONTACT:	Yes	INHALATION:	Yes	INGESTION:	Yes

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EFFECTS OF ACUTE EXPOSURE TO PRODUCT:

INGESTION: Unlikely.

No

INHALATION:

EYE CONTACT: May cause mild, reversible eye irritation

SKIN CONTACT: Contact with skin may cause skin irritation.

EFFECTS OF CHRONIC EXPOSURE: NAV

CARCINOGENICITY:	No evidence	MUTAGENICITY:	No evidence
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REPRODUCTIVE HAZARD:	No evidence	TERATOGENICITY:	No evidence
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IRRITANCY:	Mild irritancy	SENSITIZATION:	Possible skin reddening if not washed off affected area.
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SYNERGISTIC PRODUCTS:	NAV
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SECTION 12 – ECOLOGICAL INFORMATION

Not available

SECTION 13– DISPOSAL MEASURES

Dispose of unsalvageable waste as required by applicable federal, state, and local regulations.

ENGINEERING CONTROLS: General mechanical ventilation is adequate.

SECTION 14 – REGULATORY & SHIPPING INFORMATION

WHMIS Hazard Class:

US and Canada: Not regulated

International Shipping: Not regulated

TDG: Not regulated.

IATA: Not regulated

SECTION 15 – OTHER INFORMATION

PREPARED BY: Agrosol Manufacturing Inc.,

220 – 7565, 132 Street,
Surrey, BC, V3Z 1K7, Canada

DATE: November, 2015

Disclaimer: At the time of preparation, the information and data contained in this MSDS are believed to be accurate and have been compiled from sources that are believed to be reliable.