

## Material Safety Data Sheet

### Section 1 – Chemical Product and Company Identification

Product Name	Gro-Maxx
Chemical Family	Silicon Dioxide and Humic acid
Chemical Formula	Not Applicable
Effective Date	January 1, 2015
Manufacturer/Supplier	Alpha Agri-Products Inc. 41656 Harriston Road, RR#1 Bluevale, Ontario CANADA N0G 1G0
Telephone Number:	1 866 935 3901

### Section 2 – Composition Information on Ingredients

None

### Section 3 – Hazards Identification

**Emergency Overview** May cause eye and skin irritation.

#### Potential Health Effects

Eye Contact	May cause eye irritation. Avoid direct contact.
Skin Contact	Frequent or prolonged contact may cause irritation, drying or cracking of the skin.
Inhalation	May cause irritation
Ingestion	None

#### Carcinogenicity

NTP	Not listed
IARC	Not listed
OSHA	Not listed

### Section 4 – First Aid Measures

Eye Contact	Flush immediately with plenty of water for at least 15 minutes. Get prompt medical attention.
Skin Contact	Wash with soap and water to remove residue.
Inhalation	No known effects
Ingestion	None

### Section 6 – Fire Fighting Measures

Flash Point	>100°C
Lower Flame Limit	Not established
Higher Flame Limit	Not established
Autoignition Temperature	Not established
Flammability Classification	Non-flammable
Flammability Properties	Requires extreme heat to ignite
Extinguishing Media	Foam or water spray. CO <sub>2</sub> dry chemical.
Special Fire Fighting Procedures	If involved in fire, use water spray, foam, dry chemical or CO <sub>2</sub>
Hazardous Combustion Products	Oxides of nitrogen and carbon dioxide, carbon monoxide
Unusual Fire & Explosion Hazards	None

### Section 6 – Accidental Release Measures

Small Spills	Use personal protective equipment as necessary. Adsorb with a suitable chemical adsorbent. Dispose of materials in accordance with state, federal and local regulations.
Large Spills	Dike to prevent from entering any sewer or waterway. Transfer liquid to a holding container. Adsorb residue with chemical adsorbent. Dispose of material in accordance to federal, state and local regulations.

### **Section 7 – Handling and Storage**

Handling	Wash thoroughly after handling. Avoid contact with eyes and skin.
Storage	Material is stable at from -30C to 40C material may harden during prolonged frost

### **Section 8 – Exposure Controls, Personal Protective Equipment**

Engineering Controls	Good general ventilation should be used. Ventilation rates should be matched to the conditions.
Eye Protection	Wear safety glasses with side shields. Avoid eye contact.
Skin Protection	Chemically resistant gloves are recommended.
Respiratory Protection	None necessary.

### **Section 9 – Physical and Chemical Properties**

Physical Form	Coarse granular
Colour	Dark brown to black
Odour	Nil
pH	9.03
Vapour Pressure and Density	Not available
Boiling Point	N/A
Melting/Freezing Point	N/A
Solubility in Water (77°F)	Not Soluble
Bulk Weight per cubic M	240-300 kg
Volatility	~15 – 25%
Evaporation Rate	Not available

### **Section 10 – Stability and Recovery**

Chemical Stability	Stable
Conditions to Avoid	N/A
Incompatible Materials	Strong oxidizing agents/ strong acids.
Decomposition Products	Oxides of carbon, nitrogen and phosphorous
Hazardous Polymerization	Will not occur.

### **Section 11 – Toxicological Information**

LC50 not established.

### **Section 12 – Ecological Information**

No appreciable bioconcentration is expected in the environment. All components are generally regarded as safe, natural products.

### **Section 13 – Disposal Considerations**

TCPL	No component is regulated.
RCRA	No component is regulated.

### **Section 14 – Transportation Information**

DOT Shipping Name	Not hazardous
DOT Hazard Class	Hot hazardous
NA ID Number	Not applicable
UN ID Number	Not applicable
Product Label	Gromaxx

### **Section 15 – Regulatory Information**

TSCA Status	All components of this product are listed on the TSCA Inventory
CERCLA Reportable Quantity	
OSHA Status	Non-Hazardous
SARA TITLE III	

Section 302 Extremely Hazardous Substances None  
 Section 311/312 Hazard Categories Immediate (acute) health  
 No  
 Delayed Chronic health No  
 Fire Hazard No  
 Sudden Release of Pressure No  
 Reactive No  
 Section 313 Toxic Chemicals None  
 RCTA Status Non-Hazardous  
 CAS Identification Number 68514-28-3

**Section 16 – Other Information**

HMIS Hazard Rating		HFPA Hazard Rating	
Health	0	Health	0
Flammability	0	Flammability	0
Reactivity	0	Reactivity	0
PPE	A	Specific Hazard	0

Hazard Rating	Health	Fire	Reactivity	Specific Hazard
4 = Extreme	4 Deadly	<73F	May detonate	Oxidizer OXY
3 = High	3 Extreme Hazard	<100F	Shock & Heat	Acid ACID
2 = Moderate	2 Hazardous	<200F	Violent Chemical	Alkali ALK
1 = Low	1 Slightly Hazardous	>200F	Unstable if Heated	Corrosive COR
0 = Least	0 Normal Material	Will not Burn	Stable	No Water /W

PPE A = Glasses  
 B = Glasses, Gloves  
 C = Glasses, Gloves, Apron, Clothing

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