



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY		
Product Identifier	GROTEK GROWTH BOOSTER 16-40-0	
Product Use	Plant Fertilizer	
Use restrictions	Do not use for purposes other than those listed on the product label	
Manufacturer Information	Company Name	Greenstar Plant Products
	Address	9430-198 th Street, Langley BC Canada V1M 3C8
	Phone Number	+1-604-882-7699
	Email	info@getgreenstar.com
Emergency Phone Number(s) National Poison Centers	CHEMTREC 1-800-424-9300 / +1 703-527-3887 (24/7, 365 days/year)	
SECTION 2: HAZARDS IDENTIFICATION		
GHS CLASSIFICATION		
HazCom 2012 GHS	Non hazardous	
WHMIS 2015	Non hazardous	
HAZARD SYMBOL & SIGNAL WORD	HAZARD STATEMENTS	PRECAUTIONARY STATEMENTS
Not applicable	Not applicable	Not applicable
SECTION 3: HAZARDOUS INGREDIENTS		
CAS#	Substance name	
Not applicable – contains no hazardous ingredients	Not applicable – contains no hazardous ingredients	
To the current knowledge of the supplier, this product contains no components or impurities, in the concentrations applicable, that are classified as hazardous to health or the environment or influence the classification of this product		
SECTION 4: FIRST AID MEASURES		
Description of first aid measures		
EYE CONTACT	Rinse cautiously with water for 15-20 minutes while holding eyelids open. Remove contact lenses, if present and easy to do. If eye irritation persists get medical advice / attention.	
SKIN CONTACT	Wash with soap and water and rinse with plenty of clean water. If irritation persists, seek medical attention	
INHALATION	Remove victim to fresh air. Seek medical attention if symptoms persist	
INGESTION	If swallowed, DO NOT INDUCE VOMITING. If vomiting occurs, lean forward with head down to avoid breathing in vomit. Never give anything by mouth to an unconscious person. Call a POISON CENTRE or doctor if you feel unwell.	



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Most important symptoms and effects, both acute and delayed

Dust may be irritating to the eyes, skin and respiratory tract. Effects may be delayed.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Flammable	Will not burn or support combustion
Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known
Hazardous Combustion Products	During a fire, irritating / toxic phosphorus oxides, nitrogen oxides and ammonia may be generated. Closed containers may explode in the heat of a fire.

Advice for fire-fighters

Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires
Special firefighting procedures	In the event of fire, use water spray to cool closed containers and knock-down toxic gases

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL & LEAK PROCEDURES	<p>Wear personal protection equipment outlined in SECTION 8. Ventilate area. Contain spill then shovel or sweep spilled material into dry labeled containers for disposal. Avoid the generation of dust. Flush area with water after clean-up.</p> <p>Product is a plant nutrient and can contribute to overgrowth of aquatic vegetation and the subsequent eutrophication of lakes. Do not allow product to enter storm sewers, sanitary sewers, groundwater or soil.</p>
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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with eyes, skin and clothing. Wear personal protection equipment outlined in SECTION 8 when handling. Avoid the generation of dust. Do not use with incompatible materials (SECTION 10)
Conditions for safe storage, including incompatibilities	Store in tightly closed containers in a cool, dry, well ventilated area away from incompatibles (see SECTION 10).
Environmental precautions	Product is a plant nutrient and can contribute to overgrowth of aquatic vegetation and the subsequent eutrophication of lakes. Do not allow product to enter storm sewers, sanitary sewers, groundwater or soil.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Occupational exposure limits	No specific exposure limits established for mixture. Particles Not Otherwise Regulated, may apply to this product OSHA Nuisance Dust Limit of 15 mg/M3 (total) and 5 mg/M3 (respirable) ACGIH Nuisance Dust Limit of 10 mg/M3 (inhalable) and 3 mg/M3
Recommended monitoring procedures	Monitor workplace air quality to determine the effectiveness of the ventilation or other control measures and / or the necessity to use respiratory protective equipment
Engineering controls	Provide appropriate exhaust ventilation at places where dust is formed

Personal protection equipment

Hygiene measures	Wash hands after handling, before eating, smoking and using the toilet and at the end of the work day. Ensure that eyewash stations and safety showers are close to the workstation area
Eye / Face Protection	Wear safety glasses with side shields or goggles when handling this product
Hand protection	Nitrile, latex or PVC gloves
Respiratory protection	Avoid breathing dust and fumes. Use NIOSH approved respirator during a fire and in dusty or poorly ventilated areas
Environmental exposure controls	Avoid release to the environment

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	powder	Colour	Blue / Grey	Odour	Slight ammonia odour
pH	NAV	Density	NAV	Solubility in water	Soluble
Specific gravity	NAV	Melting point	NAV	Decomposition temperature	NAV
Flammable?	Not flammable	Boiling point	NAV	Viscosity	NAV

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive
Chemical stability	Normally stable. Gradually loses ammonia on exposure to air
Possibility of hazardous reactions	None known
Conditions to avoid	The creation of dust
Incompatibility	Strong oxidizing agents, strong acids and bases
Hazardous decomposition products	Decomposes at approximately 155°C to produce ammonia and phosphoric acids



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SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological effects

Acute Toxicity	Does not meet criteria
Irritation/ Corrosion	May be irritating to eyes, skin and respiratory tract
Sensitization	No data available
Carcinogenicity	Ingredients not listed as carcinogens by ACGIH, IARC, NTP, or CA Prop 65
Mutagenicity	NAV
Reproductive toxicity	NAV
Repeated dose toxicity	Very high oral doses can lead to toxic effects on the kidneys, parathyroid gland and bones

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Not available

Other adverse effects

Product is a plant nutrient and can contribute to overgrowth of aquatic vegetation and the subsequent eutrophication of lakes. Do not allow product to enter storm sewers, sanitary sewers, groundwater or soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of this product and / or its container in accordance with Federal, provincial, state and local regulations. Do not allow product to enter sewers or the environment.

SECTION 14: TRANSPORT INFORMATION

SHIPPING	TDG	Not a dangerous good for transport
	DOT	Not a dangerous good for transport

SECTION 15: REGULATORY INFORMATION

This product has been classified in accordance with WHMIS 2015 and OSHA HazCom 2012

DSL: all components of this product are on Canada's DSL list

TSCA: all components of this product are on US EPA's TSCA Chemical Substances Inventory

SECTION 16: OTHER INFORMATION

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable laws. However, no warranty or representation of law or fact, with respect to such Information is intended or given

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