

# MATERIAL SAFETY DATA SHEET — 16 Sections

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier BIO GREEN BIOGERMINATOR 11-0-1		[WHMIS Classification]		
Product Use AGRICULTURAL AND HORTICULTURAL PLANT FOOD/SOIL AMMENDMENT				
Manufacturer's Name BIO GREEN USA INC		Supplier's Name BIO GREEN USA INC		
Street Address 118 ALTO SOL CT.		Street Address 118 ALTO SOL CT.		
City SCOTT'S VALLEY		State CA	City SCOTT'S VALLEY	State CA
Postal Code 95066	Emergency Telephone 7757718750	Postal Code 95066	Emergency Telephone 7757718750	
Date MSDS Prepared 1/1/2008	MSDS Prepared By JOHN PERRY		Phone Number 7757718750	

## SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	LD <sub>50</sub> of Ingredient ( <i>specify species and route</i> )	LC <sub>50</sub> of Ingredient ( <i>specify species</i> )
NO HAZARDOUS MATERIAL PRESENT IN MIXTURE COMPOSITION IS PROPRIETARY				

## SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry     Skin Contact     Skin Absorption     Eye Contact     Inhalation     Ingestion

[Emergency Overview]

[WHMIS Symbols]

Potential Health Effects

MAY CAUSE REDNESS OF SKIN OR EYE IRRITATION

## SECTION 4 — FIRST AID MEASURES

Skin Contact

WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE RE-USE. SEE PHYSICIAN IF SKIN BECOMES IRRITATED

Eye Contact

FLUSH IMMEDIATELY WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS

Inhalation

MOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL PHYSICIAN.

Ingestion IRRITATION MAY OCCUR. CONTACT POISON CONTROL IMMEDIATELY

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## SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions?	
Means of Extinction FOAM, DRY CHEMICAL, WATER SPRAY		
Flashpoint (° C) and Method N/A	Upper Flammable Limit (% by volume) NOT DETERMINED	Lower Flammable Limit (% by volume) NOT DETERMINED
Autoignition Temperature (°C) NOT AVAILABLE	Explosion Data — Sensitivity to Impact NONE	Explosion Data — Sensitivity to Static Discharge NONE
Hazardous Combustion Products NONE		
[NFPA]		

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
PREVENT PRODUCT SPILLAGE FROM ENTERING STREAMS OR WATER SUPPLIES. COLLECT LIQUID OR ABSORB ONTO ABSORBANT MATERIAL AND PACKAGE FOR DISPOSAL FOLLOWING STATE AND FEDERAL REGULATIONS

## SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
TRANSFER USING CHEMICAL RESISTANT PUMPS, VAALVES, AND HOSES. STORE IN PLASTIC CONTAINERS
Storage Requirements
STORE IN PLASTIC 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

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other ( <i>specify</i> )
Specific Engineering Controls ( <i>such as ventilation, enclosed process</i> )			
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other			
If checked, please specify type- EYES – CHEMICAL DUST SPLASH/DUST GOOGLES OR FULL FACE SHIELD TO PREVENT EYE CONTACT. AS A GENERAL RULE, DO NOT WEAR CONTACT LENSES WHEN HANDLING			
SKIN – WEAR IMPERVIOUS GLOVES AND CLOTHING RESPIRATORY- NOT NORMALLY NEEDED. IF USE GENERATES MIST, USE NIOSH- DUST/MIST REPIRATOR (SUCH AS 3M #8710)			
VENTILATION- RECOMMENDED, BUT NO TLV ESTABLISHED			

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

Physical State LIQUID	Odor and Appearance EARTHY/ORGANIC ODOR. BROWN VISCOUS LIQUID	Odor Threshold (ppm) N/A
Specific Gravity 1.1	Vapor Density (air = 1) N/A	Vapor Pressure (mmHg) N/A
Evaporation Rate N/A	Boiling Point (° F) 212 F	Freezing Point (° F) 28 F
Ph 6.0	Coefficient of Water/Oil Distribution N/A	[Solubility in Water] 100%

**SECTION 10 — STABILITY AND REACTIVITY**

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?

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Reactivity, and under what conditions?

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Hazardous Decomposition Products – IF BURNING, WILL RELEASE CARBON MONOXIDE/CARBON DIOXIDE

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure

EYES-MILD IRRITANT. MAY CAUSE REDNESS/BURNING. SKIN-MILD IRRITANT, ESPECIALLY FROM PROLONGED EXPOSURE MAY OCCUR. INGESTION-MAY CAUSE CRAMP OR NAUSEA. INHALATION-MILD IRRITATION MAY OCCUR

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Effects of chronic exposure NOT KNOWN

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Irritancy of Product

Skin sensitization N/A	Respiratory sensitization N/A
Carcinogenicity-IARC N/A	Carcinogenicity - ACGIH
Reproductive toxicity N/A	Teratogenicity N/A
Embrototoxicity N/A	Mutagenicity N/A

Name of synergistic products/effects N/A

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## SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity] ALGAL GROWTH INHIBITION – NOT KNOWN. TOXICITY TO FISH AND INVERTEBRATES-NOT KNOWN. TOXICITY TO PLANTS NO. TOXICITY TO NIRDS - NO

## SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal DO NOT CONTAMINATE LAKES, STREAMS, PONDS, ESTUARIES, OCEANS, OR ANY OTHER BODIES OF WATER BY DISCHARGE OF EFFLUENTS OR

WASHWATERS. DISPOSE OF WASTE EFFLUENTS ACCORDING TO STATE AND LOCAL REGULATIONS.

## SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information

NON DOT REGULATED FERTILIZER COMPOUNDS (MANUFACTURED) LIQUID NMFC ITEM 68140 SUB 6 LTL CLASS 70

PIN

TDG

[DOT]

[IMO]

[CAO]

## SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] NONE

[OSHA]  
NONE

[SERA] NONE

[TSCA]  
NONE

*This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.*

## SECTION 16 — OTHER INFORMATION