

MATERIAL SAFETY DATA SHEET (MSDS) (FOR HUMAN HEALTH AND ENVIRONMENT)

In accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200), Globally Harmonized System (GHS) Material Safety Data Sheet (MsdS);

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: BIOGROWTH ORGANICS CATALYST

Synonyms: Liquid Organic Fertilizer / Soil Amendment

Product Code / Catalog No.: BGOFCC001

Recommended Use: Fertilizer / Soil Amendment

Manufacturer: BIOGROWTH ORGANICS INC

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SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification: Not classified as hazardous according to OSHA HazCom (29 CFR 1910.1200) and GHS.

EMERGENCY OVERVIEW

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA), International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Eye: Moderate eye irritant. Can cause redness.

Skin: Exposure may cause skin irritation including redness.

Ingestion: Not poisonous, might cause nausea.

Inhalation: Inhalation of mists or vapors can cause mucous membrane and respiratory irritation including coughing or choking.

Chronic: No evidence of chronic effects found.

SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

This product is a proprietary blend of organic materials.

CAS#	Chemical Name	Concentration %	EINECS#
N/A	Liquid Organic Fertilizer Soil Amendment	100	N/A

Hazard Symbols: 0

Risk Phrases: 0

SECTION 4 - FIRST AID MEASURES

Eye Contact: Flush immediately with water for at least 15 minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

Skin Contact: Wash affected area with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.

Inhalation: Move to fresh air. If symptoms (coughing, irritation) develop, seek medical attention.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical advice.

Notes to Physician: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT, °C (method): N/A

AUTOIGNITION TEMPERATURE, °C: N/A

FLAMMABLE LIMITS (in air by volume, %): N/A

SPECIAL FIRE FIGHTING PROCEDURES: water, dry chemical, carbon dioxide and foam. Wear full protective clothing and SCBA. Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides or nitrogen.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product bottles will burn if exposed to fire. Heating can cause expansion or decomposition leading to violent rupture of containers.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Information: For small or incidental releases, the minimum personal protective equipment should be rubber gloves, rubber apron, and chemical goggles. Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used.

Spills/Leaks: For large spills, contain by diking with soil or other non-combustible absorbent material. Comply with all applicable governmental regulations on spill reporting, handling, and disposal of waste.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid getting the product on you or in you. Wash hands after handling the product. Do not eat or drink while handling. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.

Storage: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations. Storage temperature below 25-degree C.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits: No OSHA or ACGIH limits established.

Engineering Controls: Use with good general ventilation. No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Personal Protective Equipment (PPE):

- Eye/Face: Safety glasses or chemical goggles.
- Skin: Protective gloves, long-sleeved clothing.
- Respiratory: Not normally required. Use mask if mist/vapor concentrations are high.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	LIQUID
Color:	DARK BROWN
Odor:	Caramel, Earthy-non-pungent
pH:	6-8
Vapor Pressure:	NA
Viscosity:	1000 – 10,000 cps
Boiling Point:	~101°C
Freezing/Melting Point:	N/A
Auto ignition Temperature:	N/A

Flash Point:	N/A
Explosion Limits, lower:	N/A
Explosion Limits, upper:	N/A
Decomposition Temperature:	N/A
Solubility in water:	SOLUBLE
Specific Gravity/Density:	1.3 – 1.5 g/cm ³
Molecular Formula:	N/A
Molecular Weight:	N/A

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Heat, sparks, flames.

Hazardous Reactions: None known.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides under fire conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity: Not expected to be toxic.

Skin Contact: May cause mild irritation (when sensitive).

Eye Contact: May cause redness, irritation.

Inhalation: Mist may cause irritation of respiratory tract.

Ingestion: May cause nausea, stomach upset.

Chronic Effects: No known chronic hazards.

SECTION 12 - ECOLOGICAL INFORMATION

This product is not anticipated to cause adverse effects to animal or plant life if released in small quantities.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal must be in accordance with appropriate Federal, State, and local regulations and can be treated as a common waste for disposal to an organic recycler or into a landfill site.

SECTION 14 - TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA), International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

SECTION 15 - REGULATORY INFORMATION

This product is not classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS. No components subject to SARA Title III or California Proposition 65 reporting.

SECTION 16 - OTHER INFORMATION

SDS Prepared by: BIOGROWTH ORGANICS INC

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Disclaimer: The information provided in this Safety Data Sheet is believed to be correct to the best of our knowledge at the date of publication. It is intended as guidance only and does not represent a warranty or guarantee.