

NURTURE GROWTH ALL-PURPOSE ORGANIC BIOFERTILIZER (0.33 - 0.04 - 0.20)

Farm and Field Version

Prepared in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200), GHS (Rev. 7), and WHMIS 2015 (Canada)

SECTION 1. IDENTIFICATION

Product Name	Nurture Growth All-Purpose Organic Biofertilizer
Type of Product	Microbial organic biofertilizer
Recommended Use	For on-farm application through foliar spray, soil drench, fertigation, or irrigation systems.
Restrictions on Use	None identified
Manufacturer	Nurture Growth Biofertilizer Inc.
Manufacturing Address	1660 Enterprise Road Mississauga, Ontario, L4W4L4 Canada
Telephone	647-484-8383
Email	info@nurturegrowthbio.com
Emergency Telephone	647-484-8383 x 701 (monitored 24 hours)

SECTION 2. HAZARD IDENTIFICATION

Classification	This product is not classified as hazardous according to: <ul style="list-style-type: none"> • OSHA Hazard Communication Standard (29 CFR 1910.1200) • Globally Harmonized System of Classification and Labelling of Chemicals (GHS, Rev. 7) • WHMIS 2015 (Canada)
GHS Label Elements	
Signal Word	Not Applicable
Hazard Pictograms	None
Hazard Statements	Not Applicable
Precautionary Statements	<ul style="list-style-type: none"> • Avoid contact with eyes. • Eye and skin protection may be used as a general good agricultural practice during mixing or application. • Wash hands after handling.
Other Hazards	<ul style="list-style-type: none"> • Mild eye irritation is possible due to acidic pH. • Product contains non-pathogenic microorganisms. No known carcinogenic, mutagenic, or reproductive toxicity effects.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture containing non-pathogenic beneficial microorganisms, organic fermentation metabolites, and organic acids.

Hazardous Ingredients	None
CAS Numbers: Proprietary	Trade secret

Genetically Modified Organisms (GMO)	None
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SECTION 4. FIRST AID MEASURES

Eye Contact	Rinse cautiously with water for several minutes. Seek medical attention if irritation persists.
Skin Contact	Wash with soap and water.
Inhalation	Not expected to be hazardous under normal conditions of use.
Ingestion	Not intended for ingestion. Accidental ingestion of small amounts is not expected to cause adverse health effects. If large quantities are ingested, mild gastrointestinal discomfort may occur.
Most Important Symptoms and Effects, Acute and Delayed	None
Immediate Medical Attention and Special Treatment	No special treatment required. Treat the patient as per the symptoms.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media	
Suitable Extinguishing Media	Water spray, foam, carbon dioxide, dry chemical
Unsuitable Extinguishing Media	None
Specific Hazards Arising from the Product	None known
Protective Equipment	Standard firefighting protective equipment
Flammability	Non-flammable aqueous solution
Unusual Fire and Explosion Hazard:	Not applicable

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid eye contact. Use recommended PPE.
Environmental Precautions	The product is considered environmentally benign and is not expected to adversely affect aquatic systems. Normal handling and use do not require special environmental precautions.
Cleanup Methods	Absorb with an inert material, then rinse the area with water. Spilled material may be diluted with water and applied to soil where appropriate.

SECTION 7. HANDLING AND STORAGE

Handling	No special handling precautions are required. Use standard good agricultural hygiene practices during mixing, application, and equipment cleaning.
Storage	<ul style="list-style-type: none"> • Store in original sealed container • Keep in cool, dry place • Protect from direct sunlight

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	Not established
Engineering Controls	Not required under normal use.
Eye Protection	No special eye protection is required under normal handling conditions.
Skin Protection	No special skin protection is required under normal conditions of use. Gloves may be worn during mixing or application as a general good agricultural practice.
Respiratory Protection	Not required under normal conditions

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Translucent brown liquid
Odour	Mild acidic (vinegar-like)
Odour Threshold	Not applicable
pH	4.1 ± 0.3
Specific Gravity (H₂O=1)	1.05 + .05
Solubility in Water	Approximately 95%
Boiling Point	Approximately 100 °C
Freezing Point	Approximately 0 °C
Flammability	Non-flammable aqueous solution
Flash Point	Not applicable (aqueous solution)
Evaporation Rate	Comparable to water
Vapour Pressure	Not expected (aqueous solution)
Decomposition Temperature	Not expected under normal conditions of use
Viscosity	Comparable to water

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Chemical Stability	Stable
Possibility of Hazardous Reactions	None known
Incompatible Materials	None known
Hazardous Decomposition Products	None known

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of Exposure	Eye contact, ingestion (large quantities)
Acute Toxicity	Acute Toxicity: Not expected to be toxic
Skin Irritation	Not classified
Eye Irritation	Eye Irritation: Mild irritation possible.
Sensitization	Not expected
Carcinogenicity	Not listed by IARC, NTP, or OSHA.

Based on intended agricultural use, this product is not expected to pose a health risk to applicators.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	Not expected to be harmful to aquatic organisms.
Persistence and Degradability	Expected to biodegrade under normal environmental conditions.
Bioaccumulative Potential	Not expected
Mobility in Soil	The product is water-soluble and expected to disperse naturally.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Dispose of contents and container in accordance with local, provincial/state, and federal regulations. The product is not classified as hazardous waste. Empty containers may be triple-rinsed and recycled or disposed of in accordance with local agricultural container programs.
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SECTION 14. TRANSPORT INFORMATION

US DOT	Not regulated
IMDG	Not regulated
IATA	Not regulated
Transport Classification	This product is non-hazardous for transport and does not require temperature-controlled or refrigerated storage during shipping or storage. Store and transport in the original containers, away from direct sunlight, to maintain product quality.

SECTION 15. REGULATORY INFORMATION

United States	<ul style="list-style-type: none"> • OSHA Hazard Communication Standard (29 CFR 1910.1200) Compliant • TSCA: Exempt (non-pathogenic microbial product)
Canada	<ul style="list-style-type: none"> • WHMIS 2015 – Not classified

SECTION 16. OTHER INFORMATION

Preparation Date	February 25, 2026
Prepared By	Nurture Growth Biofertilizer Inc.

DISCLAIMER: The information contained in this Safety Data Sheet is believed to be accurate and is provided in good faith based on available data at the time of preparation. It is intended to describe the product for health, safety, and regulatory compliance purposes. No warranty, express or implied, is made regarding the accuracy or completeness of this information. The conditions under which the product is handled, stored, used, or disposed of are beyond the manufacturer's control, and the manufacturer assumes no responsibility for any resulting loss, damage, or expense. This SDS applies only to the product as supplied and may not be applicable if the product is used in combination with other materials.