

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Product name:	Bac-T-Grow
Synonyms:	None
Product use:	Agricultural nutrient product used to improve plant health.
Product restrictions:	Not for human or animal consumption.
Manufacturer name:	Nutrient Technologies, Inc.
Address:	1092 E. Kamm Ave., Dinuba, CA 93618
General phone number:	(559) 595-8090
Transportation emergency #:	CHEMTREC: 800-424-9300

SECTION 2 – HAZARD(S) IDENTIFICATION

Signal word:	Not Classified
GHS Class:	Not a hazardous substance or mixture
Hazard statements:	Contains microorganisms. May cause a sensitization. Do not expose particularly sensitive persons at risk
Precautionary Statements	
Prevention:	Keep out of reach of children. Do not eat, drink or smoke when using this product. Wear protective gloves, eye protection.
Response:	In all cases of doubt, or when symptoms persist, seek medical attention.
Disposal:	Dispose of contents and container and any contaminated materials in accordance with current regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	This mixture does not contain any substances to be mentioned according to the applicable regulations. No hazardous ingredients.
CAS Number	Not assigned
Weight%	< 5%

SECTION 4 – FIRST AID MEASURES

Eye contact:	In case of eye contact, immediately rinse with clean water for 20-30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist if irritation persists.
Skin contact:	Wash off with plenty of water. If case of redness or irritation, call a doctor.
Inhalation:	Move the affected person to the fresh air. If experiencing respiratory symptoms: Call a poison center or a doctor.
Ingestion:	Never give anything by mouth to an unconscious person. Get medical advice/attention

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media:	In case of fire: Water spray. Water mist. Foam. Powders. Carbon dioxide (CO ₂). Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical:	Carbon monoxide (CO). Carbon dioxide (CO ₂).
Protective equipment:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin and eyes. In case of important spillage : Evacuate unnecessary personnel. Only qualified personnel equipped with suitable protective equipment may intervene. Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection."
Environmental precautions:	Contain the spilled material by bunding. Do not allow to enter drains or water courses.
Methods for containment:	Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite.
Methods for cleanup:	Clean preferably with a detergent - Avoid the use of solvents.

SECTION 7 – HANDLING and STORAGE

Precautions for handling:	Avoid contact with skin and eyes. Do not expose particularly sensitive persons at risk. Wear personal protective equipment. Observe the label precautions. Do not eat, drink or smoke when using this product.
Precautions for storage:	Keep container tightly closed. Store in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from heat and direct sunlight. Keep out of frost. Always store product in container of same material as original container. Store between 39-78 °F.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Occupational exposure limits:	Contains no substances with occupational exposure limit values.
Appropriate engineering controls:	Ensure that there is a suitable ventilation system.
Personal protective equipment:	In case of repeated or prolonged contact wear gloves. Type : Latex. Nitrile rubber. PVC gloves. Butyl rubber. Wear security glasses which protect from splashes (EN 166). Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment.



SECTION 9 – PHYSICAL and CHEMICAL PROPERTIES

Physical State	Liquid
Odor/appearance:	Earthy/yellow/orange
Odor threshold:	Not available
Boiling point:	>90 °C
Melting point:	Not available
Flash point:	>93 °C
Flammability:	Non-flammable
Density:	1, +/- 1.5%
Solubility:	Soluble in water
Vapor density:	Not available
Vapor pressure	Not available
Evaporation rate:	Not available
pH:	6.0 +/- 0.6
Viscosity:	Not available
Partition coefficient: (n-octanol/water)	Not available

SECTION 10 – STABILITY and REACTIVITY

Chemical stability:	The product is non-reactive under normal conditions of use, storage and transport.
Hazardous Polymerization:	To our knowledge, the product does not present any particular risk, under normal conditions of use.
Conditions to avoid:	Heat, freezing
Incompatible materials:	Strong acids. Strong oxidizing agents. Strong bases. disinfectants.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral LD50):	Not classified
Acute Toxicity (Dermal LD50):	Not classified
Acute Toxicity Inhalation LC50:	Not classified
Likely routes of exposure:	
Skin irritation	Not classified. pH: 6 +/- 0,5
Eye irritation:	Not classified. pH: 6 +/- 0,5
Skin sensitization:	Not classified
Carcinogenic:	Not classified
Chronic effects:	Not classified
Other hazards:	Not classified

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	Not classified
Environmental fate:	No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal:	Recycle or dispose of in compliance with current regulations. Do not discharge into drains or the environment. Empty the packaging completely prior to disposal. Do not remove label until container is thoroughly cleaned.
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SECTION 14 – TRANSPORT INFORMATION

UN transport shipping name:	Not regulated for transport
Transport hazard class:	Not regulated
UN Identification number:	Not regulated
Packing group:	Not regulated
IATA Shipping name:	Not regulated

SECTION 15 – REGULATORY INFORMATION

Proprietary ingredients:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
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SARA 313	No SARA hazards
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SECTION 16 – ADDITIONAL INFORMATION

HMIS rating:	Not classified
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SDS revision date:	Nov 1, 2024
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