

**BIOADVANCED SCIENCE-BASED
SOLUTIONS ORGANICS BRAND
TOMATO VEGETABLE & FRUIT INSECT
CONTROL READY-TO-USE**

Version 1.0 / USA

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Revision Date: 06/18//2021

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE
COMPANY/UNDERTAKING**

Product identifier BIOADVANCED SCIENCE-BASED
SOLUTIONS ORGANICS BRAND TOMATO
Trade name VEGETABLE & FRUIT INSECT CONTROL
READY-TO-USE
Product code
SDS Number
EPA Registration No. NEU1138I
67702-45-92564
Relevant identified uses of the substance or mixture and uses advised against
Use Insecticide
Restrictions on use See product label for restrictions.
Information on manufacturer
SBM Life Science Corp.
1001 Winstead Dr, Ste 500
Cary, NC 27513
United States
Emergency telephone no.
All Emergencies, 24hr/ 7 days 1-877-229-3763 (24 hours/day)
Product Information 1-877-229-3724
Telephone No.
SDS Information or Request SDS@sbm-company.com

SECTION 2: HAZARDS IDENTIFICATION

Classification in accordance with regulation HCS 29CFR §1910.1200

GHS - US classification

Skin corrosion/irritation Cat. 3 H316
Eye irritation Cat. 2B H320
Acute toxicity, inhalation Cat. 5 H333

Signal Word: Warning

Hazard Statements:

H316 Causes mild skin irritation
H320 Causes eye irritation
H333 May be harmful if inhaled

Pictograms:

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Precautionary Statements (Prevention):

P264 Wash hands thoroughly after handling.

Precautionary Statements (Response):

P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Precautionary Statements (Storage):

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous to special waste collection point.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixture

Hazardous Components		
<u>Components</u>	<u>% (w/w)</u>	<u>Hazard Information</u>
Potassium Salts of Fatty Acid (CAS Reg. No.67701-09-1)	0.94	Eye Irritant

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SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation: Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and was before reuse. If skin irritation occurs: Get medical advice/attention.

Eye: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Do not induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.

Most important symptoms and effects, both acute and delayed

No further relevant information available

Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media: Regular foam, carbon dioxide, dry chemical, water.

Special hazards arising from the substance or mixture:

No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear appropriate protective equipment. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions: Avoid run off to waterways and sewers

Methods and material for containment and cleaning up

Containment/Clean-Up Measures: Stop leak if can do it without risk. Absorb or cover with dry earth, sand or other absorbent materials and transfer to containers.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Handling: No special precautions are necessary if used correctly.

Conditions for safe storage, including any incompatibilities

Storage: Store in ambient temperature, well-ventilated place away from excessive heat. Keep container closed when not in use. Keep away from incompatible materials.

Incompatible Materials: Strong oxidizing agents.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components with limited values that require monitoring at the workplace: Not required.

Exposure controls

Personal Protective Equipment



Pictograms:

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 26 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face: Wear safety goggles Hands: Wear protective gloves

Skin/Body: Where extensive dermal exposure may be expected, either a chemical suit or a chemical apron will be needed.

General Industrial Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, or drinking. Safety shower and eye wash should be available close to work areas.

Environmental Exposure Controls: Follow best practice for site management and disposal of waste. Avoid release to the environment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, light amber liquid

Odor: Soap odor

pH: 9.60 ± 0.10

Boiling Point: Not determined

Melting Point: Not determined

Flash Point: >205°F

Flammability: Product is not flammable

Decomposition Temperature: Not determined

Heat of Decomposition: Not determined

Danger of Explosion: Product does not present an explosion hazard

Upper explosion limits: Not determined

Lower explosion limits: Not determined

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Vapor Pressure: Not applicable
Vapor Density: Not applicable
Evaporation Rate: Not applicable
Density @ 20°C (68°F): 1.00 ± 0.04 g/mL
Water Solubility: Soluble
Partition coefficient (n-octanol/water): Not determined
Viscosity: Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical Stability: Stable under normal temperatures and pressures.
Possibility of Hazardous Reactions: No dangerous reactions known.
Conditions to avoid: Exposure to excessive heat.
Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: Carbon dioxide may form upon burning.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: LD50 (oral) (rat) >5000 mg/kg; LD50 (dermal) >5000 mg/kg

Routes of Entry

Skin: Causes mild skin irritation.
Eyes: Causes eye irritation.
Ingestion: None identified.
Inhalation: May be harmful if inhaled.

Carcinogenic Categories

IARC (International Agency for Research on Cancer): Substance is not listed
NTP (National Toxicology Program): Substance is not listed

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SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Mobility in Soil: No further relevant information available.

Other Adverse Effects: No studies have been found

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Product Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

Packaging Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated by US DOT Highway regulations.

U.S. Surface Freight Classification: NMFC item 155050, LTL Class: 70

Insecticide

UN Number: Non-Hazardous. Not regulated.

IMDG Class (sea): Non-Hazardous. Not regulated.

IATA Class (air): Non-Hazardous. Not regulated.

Marine Pollutant: No

Packing Group: Not regulated.

Hazard Label(s): Non-Hazardous. Not regulated.

ADR Class (road): Not regulated.

Proper Shipping Name(s): Not regulated.

Reportable Quantity: None

SECTION 15: REGULATORY INFORMATION

**Safety, Health, and Environmental Regulations/Legislation Specific for the
Substance or Mixture**

SARA: N/A

Section 355 (Extremely Hazardous Substance): Substance is not listed.

Section 313 (Specific Toxic Chemical Listings): Substance is not listed.

TSCA (Toxic Substance Control Act): Substance is not listed.

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Proposition 65

Chemicals Known to Cause Cancer: Substance is not listed.

Chemicals Known to Cause Reproductive Toxicity for Females: Substance is not listed.

Chemicals Known to Cause Reproductive Toxicity for Males: Substance is not listed.

Chemicals Known to Cause Developmental Toxicity: Substance is not listed.

National Regulations: Substance is not listed.

State Right to Know: Substance is not listed.

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

Hazards to Humans and Domestic Animals: CAUTION. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Environmental Hazards: This product is toxic to bees exposed to treatment for 3 hours following treatment. Do not apply this pesticide to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period. This product is toxic to aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather or when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

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SECTION 15: Other Information

NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 0 Instability - 0 Others - none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1 Flammability - 0 Physical Hazard - 0 PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Reason for Revision: New Issue

Date of Previous Revision: Not Applicable

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