



Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: Agra-BioCide™

Other Identifier: Product number: 34000

Supplier Identification: Bioverse, Inc.
2220 Research Lane,
Worthington, MN 56187
866-272-3775

Website: myhealthyfarms.com

Email: support@bioverse.com

Emergency Number: Chemtrec 1-800-424-9300 (Emergency 24 hours); Outside US 1-703-527-3887
Chemtrec Administrative Office Telephone Number 1-800-262-8200

Section 2 – Ingredients/Identity Information

Ingredient Name: Active Ingr.. – Bacillus thuringiensis, subsp. Israelensis (Bt H-14)

Concentration: 2.86% (Potency 200 ITU/Mg)

CAS/RTECS Numbers: N/A

OSHA-PEL: N/L

ACGIH-TLV: N/L

Ingredient Name: Inert Ingredients – Non-Hazardous/Trade Secret
Concentration: 97.14%

EEC (European Community): N/A

Symbol Designation: N/A

Risk Phrases: N/A

Safety Phrases: N/A

Section 3 – Hazards Information

Emergency Overview: Product is non-toxic by ingestion, skin contact, or inhalation. Direct contact with eyes or skin may cause mild irritation.

Route(s) of Entry: Skin: No

Inhalation: No

Ingestion: No

Skin Contact: Non-irritant

Skin Sensitization: N/D

Eye Contact: Non-irritant

Target Organs: N/D



Carcinogenicity Rating: NTP: N/L IARC: N/L OSHA: N/L ACGIH: N/L
Signs and Symptoms: Direct contact with eyes or skin may cause mild irritation.
Medical Conditions Aggravated by Exposure: None Expected.

Section 4 – First Aid Measures

Eyes: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Skin: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Ingestion: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Inhalation: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Section 5 – Fire Fighting Procedures

Flash Point: N/A
Flash Point Method: N/D
Lower Explosive Limit(%): N/D
Upper Explosive Limit(%): N/D
Auto Ignition Temperature: N/D
Fire & Ignition Hazards: Non-flammable; no explosive properties.
Extinguishing Media: Use appropriate medium for underlying cause of fire.
Fire Fighting Instructions: Wear appropriate clothing and self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Spill or Release Procedures: Recover Product. Place into appropriate container for disposal. Avoid dust. Ventilate and wash spill area.

Section 7 - Handling and Storage

Tightly reclose containers of unused materials. Do not contaminate water, food, or feed by storage or disposal. Store in a secure, cool, dry, well-ventilated location. Avoid temperatures above 85F/25C

Section 8 - Exposure Controls/Personal Protection

Engineering Controls: Use local exhaust.



Respiratory Protection: Not usually required. However, mixers/loaders and applicators not enclosed in cabs or aircraft must wear a dust/mist respirator meeting NIOSH standards of at least N-95, R-95, or P-95.

Skin Protection: Impervious gloves, clothing to minimize skin contact.

Eye Protection: Not usually required. If necessary, use safety glasses or goggles.

Other Protection: Wash thoroughly with soap and water after handling.

Section 9 - Physical and Chemical Properties

Appearance/Physical State: Granular Solid

Odor: Mild

Boiling Point: N/A

Melting/Freezing Point: N/A

Vapor Pressure (mm Hg): N/A

Vapor Density (Air=1): N/A

Evaporation Rate: N/D

Bulk Density: 22-26 lbs/cu. ft.

Specific Gravity: N/D

Solubility: N/A

Viscosity: N/A

Flash Point: N/A

Section 10 - Stability and Reactivity

Chemical Stability: Stable

Incompatibilities: Alkaline environment may denature the active ingredient.

Hazardous Decomposition Products: N/D

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

Acute toxicity

ORAL LD50: LD50 (rat) > 5,000 mg/kg

DERMAL LD50: LD50 (rabbit) > 2000 mg/kg

INHALATION LC50: The LC50 in 4-hr inhalation studies in rat was 25.1 mg/L

Dermal & Eye Irritation: Non-irritating to rabbit eye or skin.

Dermal Sensitization: Non-sensitizing in guinea pig studies.

Corrosiveness: Non-corrosive

Carcinogenicity Information: Not listed

Section 12 - Ecological Information: N/D

Section 13 - Disposal Considerations



Dispose of product in accordance with federal, state, and local regulations. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Section 14 - Transport Information

Not regulated for land, water, or air transportation.

Section 15 - Regulatory Information

TSCA Status: Exempt
CERCLA Status: N/D
SARA Status: N/D
RCRA Status: N/D
PROP 65 (CA): N/D

Section 16 - Other Information

SARA Title III Data:

Section 311 and 312 Hazard Categories:

Immediate Health Hazard – None
Delayed Health Hazard – None
Fire Hazard – None
Reactive Hazard – None
Sudden Pressure Release Hazard – None

Section 302: Extremely Hazardous Substances – None

Section 313: Toxic Chemicals – None

CERCLA Reportable Quantity – Not Listed

Reason for Issue: Format update.

Legend: N/A = Not Applicable

N/D = Not Determined

N/L = Not Listed

L = Listed

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume no legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their particular purpose of any information or product referred to herein.

NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.