

SAFETY DATA SHEET

NON-Hazardous Chemical, NON-Dangerous Goods

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Sentinel
Chemical Nature: Trichoderma Spores in Powdered Formulation
Product Use: Botryticide
Company: Manufacturer
Agrimm Technologies Ltd
487 Tancreds Road
Lincoln, 7640
New Zealand
Emergency Contact No.: +64 (0)21 590 329

Section 2: HAZARDS IDENTIFICATION

OVERVIEW: Based on available information, this material is not classified as hazardous
POTENTIAL HEALTH EFFECTS
SKIN CONTACT: Available data indicates that this product is not harmful and presents no hazards in normal use. In addition, the product is unlikely to cause any discomfort in normal use.
EYE CONTACT: Exposure to dust may cause discomfort due to particulate nature but is unlikely to cause anything than mild transient discomfort.
INGESTION: Significant oral exposure is considered to be unlikely, but product has low toxicity.
INHALATION: Repeated inhalation may cause irritation to the respiratory tract.
ADVICE: Product is based on non-hazardous naturally occurring fungus plus food and agricultural grade materials and nutrients.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS#
Trichoderma Atroviride 2.5%	N/A
Other non-hazardous ingredients 99.90%	N/A

Section 4: FIRST AID MEASURES

SKIN CONTACT: Irritation is unlikely, however if irritation does occur, flush with lukewarm water. If irritation persists, obtain medical attention.
EYE CONTACT: Rinse immediately with lukewarm, gently flowing water while holding the eyelid(s) open. If irritation occurs and persists, obtain medical attention.
INGESTION: Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING.
INHALATION: First Aid is not generally required. If inhaled, remove patient to fresh air, loosen clothing and keep patient comfortable. Seek medical attention if symptoms persist.
ADVICE: Product is based on non-hazardous naturally occurring fungus plus food and agricultural grade materials and nutrients.

SENTINEL CONT'

Section 5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Product is not considered a fire or explosion hazard.
FLAMMABLE LIMIT: LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Use any means of extinction appropriate for surrounding fire conditions such as water spray, carbon dioxide, dry chemical or foam. Cool any containers that are exposed to heat or flames by the application of water streams until well after the fire has been extinguished.
FIRE FIGHTING PROCEDURES: Product is non-combustible.
FLASHPOINT AND METHOD: N/A

Section 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Prevent product from entering drinking water supplies. If water is used, prevent runoff or dispersion of excess liquid by diking and absorbing with non-combustible absorbent such as clay, sand and soil. Vacuum, shovel or pump waste material, including absorbent, into drum and label contents for disposal.

Section 7: HANDLING AND STORAGE

STORAGE TEMPERATURE:

MAX 8° C MIN 0° C INDOOR ✓ OUTDOOR ✗ REFRIG. ✓

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not freeze. Store in a dry, refrigerated or cool and well-ventilated area. Always practice good personal hygiene. Refrain from eating, drinking, or smoking in work areas. Thoroughly wash hands before eating, drinking, or smoking in appropriate designated areas. Store in original containers only. Rotate stock in storage to use oldest first. Keep out of the reach of children.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE GLOVES: Gloves
EYE PROTECTION: Use goggles if contact is likely.
PROTECTIVE CLOTHING: Where there is a large-scale use of this material with significant potential for worker contact, long-sleeved clothing or coveralls, chemical resistant gloves, and/or safety glasses with side shields may be necessary.

RESPIRATORY PROTECTION OR REQUIRED VENTILATION:

Not normally needed but if upon addition to water the powder causes airborne contamination above acceptable criteria use NIOSH/MSHA approved respiratory protection equipment.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder	Evaporation Rate:	N/A
Appearance:	Green - White	Boiling Point:	N/A
Odor:	Earthy	Freezing Point:	N/A
Weight Per M3:	333 Kg	Viscosity:	N/A
Storage Life at 4C:	>1 year	Flash Point/Method:	Noncombustible
pH – 10% solution:	5.5	Vapor Pressure:	N/A
Water Solubility:	Soluble / suspension		

SENTINEL CONT'

Section 10: STABILITY AND REACTIVITY

STABILITY: This material is stable and not considered reactive under normal temperatures and pressures. Hazardous runaway reactions will not occur.

INCOMPATIBLE MATERIALS: Avoid mixing with chemicals and synthetic fungicides.

HAZARDOUS DECOMPOSITION: N/A

HAZARDOUS POLMERIZATION: Material does not polymerize.

Section 11: TOXICOLOGICAL INFORMATION

LOCAL EFFECTS

EFFECTS TO EYES: May cause eye irritation

EFFECTS OF INGESTION: No adverse health effects expected

EFFECTS TO SKIN: May cause skin irritation

EFFECTS INHALATION: Repeated inhalations may cause irritation to respiratory tract

CARCINOGENICITY: NON-HAZARDOUS

TARGET ORGANS: NON-HAZARDOUS

Section 12: ECOLOGICAL INFORMATION

Not classified as hazardous.

Section 13: DISPOSAL CONSIDERATIONS

This product in solution is likely to have a pH of >5 it would not be considered a hazardous waste. Do not wash down drain. Recover and place material in a suitable container for intended use or disposal. Dispose in accordance with state and local regulation.

REPORTABLE QUANTITY UNDER CERCLA: N/A

Section 14: TRANSPORT INFORMATION

DOT UN STATUS: This material is not regulated hazardous material for transportation.

MARINE POLLUTANT: No

Section 15: REGULATORY INFORMATION

Registered pursuant to the ACVM act 1997 No P7235
EPA Approval Code: HSR007075

Section 16: OTHER INFORMATION

Please note: Agrimm Technologies Ltd. believes that the information and recommendations contained here-in are accurate as of the date hereof. The information provided herein applies only to the specific product designated and may not be valid where said product is used in combination with any other material or in any process. No warranty of fitness for any particular purpose, warranty of merchantability, or any other warranty, expressed or implied, is made concerning the information provided.

ABBREVIATIONS: N/E – NOT ESTABLISHED N/A – NOT APPLICABLE

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