

Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

Telephone number: 800-233-0628 Fax: 800-806-8580
Emergency Contact: 888-208-1368 PROSAR CHEMTREC: 1-800-424-9300

Material Safety Data Sheet

Date: January 4, 2010

SECTION I—PRODUCT IDENTIFICATION

NAME: EcoGuard™ Biofungicide

DOT CLASS: Not regulated.
UN NUMBER: NA
PROPER SHIPPING NAME: NA

HMIS RATING & CANADIAN WHMIS CLASSIFICATION

HEALTH	1	CANADIAN WHMIS CLASSIFICATION:	D 2 B
FIRE	0		
REACTIVITY	0		

SECTION II - INGREDIENTS

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY. COMPONENTS NOT LISTED IS EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%.

Ingredient Name	CAS Number	OSHA PEL	ACGIH TLV/TWA
This product does not contain any hazardous ingredients.	NA	NA	NA

SECTION III – PHYSICAL CHARACTERISTICS

Boiling Point	100 °C	Appearance and Odor	Medium to dark brown liquid, slight odor.
Specific Gravity	Approximately 1.2	Melting Point	NA
PH	7.0 – 8.0	Vapor Density (Air = 1)	1
Vapor Pressure	Equivalent to water.	Solubility	Complete

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SECTION IV – FIRE/EXPLOSION

Flash Point:	NA
Flash Point Method Used:	NA
LEL:	NA
UEL:	NA

Extinguishing Media: Water spray, carbon dioxide or dry chemical.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None Known.

SECTION V – REACTIVITY DATA

Stability: Stable for up to 2 years when stored at 72° F (23°C)

Incompatibility: Strong acids or strong bases.

Hazardous Decomposition or By Products: Not Known.

Hazardous Polymerization: Will not occur.

SECTION VI – HEALTH HAZARD DATA

Acute Health Affects

Acute Oral LD50 >5,000 mg/kg
Acute Eye Irritation non-irritating to the eyes.
Acute Dermal LD50 >5,050mg/kg
Acute Dermal Irritation: slightly irritating.
Acute Inhalation LC50 >2.56mg/L
Dermal Sensitization: not a sensitizer

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Bacillus licheniformis does not appear to be toxic, infective, and/or pathogenic when tested as follows:

Acute Intratracheal at 1.1×10^8 cfu/animal

Acute Injection at 1.0×10^7 cfu/animal

Acute Oral at 1.0×10^8 cfu/animal

Aggravated Medical Conditions: None known.

Emergency First Aid Procedures

Eye Contact: Rinse eyes with water for fifteen minutes, if irritation persists, see a physician.

Inhalation: Move person to fresh air and avoid breathing mist from the product. If breathing problems develop, seek the care of a physician.

Skin Contact: Wash the product off the skin with soap and water; if irritation develops seek the care of a physician.

Ingestion: Do not induce vomiting, if victim is choking clear airway and seek medical attention.

SECTION VII – SPILL OR LEAK PROCEDURE

Steps to be taken in case material is spilled or leaked:

Waste Disposal Method: Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state and local laws. Consult your local authority for any regulations that may apply to your area.

Precautions To Be Taken In Handling and Storage: Store in a location away from children, food items, out of the direct sunlight and keep container closed when not in use. Avoid freezing temperatures. Always wash hands with soap and water before handling food or smoking. Use good chemical hygiene practices when working with any chemical.

Other Precautions: If used in a spraying application, avoid breathing any mist from the product.

SECTION VIII – CONTROL MEASURES (PPE)

Respiratory Protection: None required for recommended use, however, avoid creating aerosols in poorly ventilated areas.

Protective Gloves: Recommended. Disposable nitrile gloves are suitable for preventing prolonged contact with the skin.

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Eye Protection: Wear safety glasses with side shields or splash goggles if used in a manner that creates splashing.

Other Protective Clothing: None required, however, avoid prolonged contact with the skin from soiled clothing.

Ventilation: Local exhaust should be sufficient. If used in a manner that creates mist, mechanical ventilation may be necessary.

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal, state and local laws.