

Material Safety Data Sheet

Abbott Laboratories, Inc.
 Chemical & Agricultural Products Division
 North Chicago, IL 60064-6316
 Emergency Telephone: 1-800-323-9597
 Chemtrec: 1-800-424-9300

Issue Date: 6/28/99
List/Code: 60201/82835
DOT Classification: Not Regulated
EPA Registration No.: 275-135
Emergency Overview: This material may cause eye irritation.
NFPA: Health - 1; Fire - 1; Reactivity - 0

COMPOSITION / INGREDIENTS

Ingredient Name:	<i>Bacillus sphaericus</i> Serotype H5a5b, Strain 2362 dried concentrate	Inert Ingredients*
Concentration %:	51.2%	48.8%
CAS/RTECS Numbers:	N/A / N/A	NA / N/A
OSHA-PEL 8HR TWA:	N/L	N/L
STEL:	N/L	N/L
Ceiling:	N/L	N/L
ACGIH-TLV 8HR TWA:	N/L	N/L
STEL:	N/L	N/L
Ceiling:	N/L	N/L
OTHER 8HR TWA:	N/A	N/A
LIMITS STEL:	N/A	N/A
Ceiling:	N/A	N/A

* Hazardous per OSHA criteria
 Identity withheld as a trade secret.

HEALTH CONSIDERATIONS

Route(s) of Entry: Skin: No Inhalation: No Ingestion: No
Carcinogenicity Rating: NTP: N/L IARC: N/L OSHA: N/L ACGIH: N/L None
Signs and Symptoms: N/D. Direct contact could cause mild skin and eye irritation.
Medical Conditions Aggravated by Exposure: ND. Data suggest possibly pre-existing eye or skin ailments.
Oral Toxicity: LD50 > 5,050 mg/kg in rats.
Dermal Toxicity: LD50 > 5,050 mg/kg in rabbits.
Inhalation Toxicity: Not lethal in an inhalation study with rats at the maximum achievable airborne concentration of 0.435 mg/ltr/4 hours (22.9 mg/ltr nominal concentration).
Corrosiveness: N/D
Dermal Irritation: Produced mild transient redness with recovery by 48 hours in a skin irritation test in rabbits (Primary Irritation Index = 0.3 on a scale of 0-8).
Ocular Irritation: Produced mild transient conjunctival redness with recovery by 48 hours in an eye irritation test in rabbits.
Dermal Sensitization: N/D
Target Organs: N/D
Special Target Organ Effects: N/D
Carcinogenicity Information: N/D

EMERGENCY AND FIRST AID PROCEDURE

Eyes/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/

Inhalation: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

FIRE FIGHTING PROCEDURES

Flash Point:	N/D
Lower Explosive Limit (%):	N/D
Upper Explosive Limit (%):	N/D
Autoignition Temperature:	N/D
Fire and Explosive Hazards:	N/D
Extinguishing Media:	Use appropriate medium for underlying cause of the fire.
Fire Fighting Instructions:	Wear protective clothing and self-contained breathing apparatus.

SAFE HANDLING, USE, STORAGE, and DISPOSAL

Handling:	N/D
Storage:	Store in a cool (59-86° F or 15-30° C), dry place.
Special Precautions:	Wash thoroughly with soap and water after handling.
Spill or Release Procedures:	Recover product, place into appropriate container for disposal. Ventilate and wash spill area.
Disposal:	Dispose in accordance with state, local and federal regulations.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Field Application: Refer to product label.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Granule
Odor:	N/D
Boiling Point:	N/D
Melting/Freezing Point:	N/D
Vapor Pressure (mm Hg):	N/D
Vapor Density (Air=1):	N/D
Evaporation Rate:	N/D
Bulk Density:	0.4 g/mL
Specific Gravity:	N/D
Solubility:	Suspends readily in water.
pH:	4-6 as an aqueous solution
Viscosity:	N/D
Reactivity:	N/D

LEGEND

N/A = Not Applicable

L = Listed

® = A registered trademark of Abbott Laboratories

N/D = Not Determined

S = Short Term

™ = A trademark of Abbott Laboratories

N/L = Not Listed

C = Ceiling

ltr = liter

The information and recommendations contained herein are based upon tests believed to be reliable. However, Abbott Laboratories does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform with actual conditions of usage may be required. Abbott Laboratories assumes no responsibility for results obtained or for incidental or consequential damages arising from the use of these data. No freedom from infringement of any patent, copyright or trademark is to be inferred.

