



### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name : GlucateLL®

Product Number : PN000855

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory reagent for the detection of Glucan

#### 1.3 Details of the supplier of the safety data sheet

Company : Associates of Cape Cod, Inc.  
124 Bernard E St Jean Drive  
East Falmouth, MA 02536  
USA

Telephone : +1 888-395-2221  
: +1 508-540-3444

#### 1.4 Emergency telephone number

Emergency Phone # : (800) 424-9300 Chemtrec® Domestic North America  
: (703) 527-3887 Chemtrec® International

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):** This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).  
Not classified

**Appearance:** White to off-white lyophilized pellet

**Physical State:** Solid (compressed)

**Hazard Statement:** None; the product contains no substances which at their given concentration are considered to be hazardous to health

**Precautionary Statements:** Prevention – None  
General Advice - None  
Storage - None  
Disposal – None

#### 2.2 Hazard Not Otherwise Classified (HNOC)

Not applicable.

#### 2.3 Other information

May be harmful if swallowed.

84.4% of the mixture consists of ingredient(s) of unknown toxicity.



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 The product contains no substances which at their given concentration, are considered to be hazardous to health.

#### 3.2 Synonyms - GlucateLL®

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

### 4. FIRST AID MEASURES

#### 4.1 Description of necessary first-aid measures

Eye Contact - Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact - Wash skin with soap and water.

Inhalation - Move to fresh air.

Ingestion - Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

#### 4.2 Most important symptoms/effects, acute and delayed No information available.

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary Notes to Physician - Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

#### 5.1 Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 5.2 Unsuitable Extinguishing Media - No information available.

#### 5.3 Specific Hazards Arising from the Chemical

No information available.

#### 5.4 Explosion Data

Sensitivity to Mechanical Impact - None.

Sensitivity to Static Discharge - None.

#### 5.5 Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions - Ensure adequate ventilation.

#### 6.2 Environmental Precautions

Environmental Precautions - See Section 12 for additional Ecological Information.

#### 6.3 Methods and materials for containment and cleaning up



Methods for Containment - Prevent further leakage or spillage if safe to do so.

### 6.4 Methods for Cleaning Up

Pick up and transfer to properly labeled containers.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handling - Handle in accordance with good industrial hygiene and safety practice.

### 7.2 Conditions for safe storage, including any incompatibilities

Storage - Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products - None known.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### 8.2 Appropriate engineering controls

#### Engineering Measures

Showers  
Eyewash stations  
Ventilation systems

### 8.3 Individual protection measures, such as personal protective equipment

#### Eye/Face Protection

Safety glasses with side-shields.

#### Skin and Body Protection

Impervious gloves. Impervious clothing.

#### Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

### 8.4 Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical State</b>	Solid (compressed).
<b>Appearance</b>	White to off-white.
<b>Odor</b>	No information available.
<b>Odor Threshold</b>	No information available.



<u>Property</u>	<u>Values</u>	<u>Remarks / Method</u>
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air	No data available	None known
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Auto-ignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Flammable Properties	Not flammable	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known
<u>Other Information</u>	No data available	None known
VOC Content (%)	No data available	None known

### 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

No data available.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

None under normal processing.

#### 10.4 Hazardous Polymerization

Hazardous polymerization does not occur.



### 10.5 Conditions to avoid

None known based on information supplied.

### 10.6 Incompatible materials

None known based on information supplied.

### 10.7 Hazardous decomposition products

None known based on information supplied.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Product Information

Inhalation	No known effect
Eye Contact	No known effect
Skin Contact	No known effect
Ingestion	May be harmful if swallowed.

### 11.2 Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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### 11.3 Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen.

**11.4 Reproductive Toxicity** No information available.

**11.5 STOT - single exposure** No information available.

**11.6 STOT - repeated exposure** No information available.

**11.7 Aspiration Hazard** No information available.

### 11.8 Numerical measures of toxicity - Product

Unknown acute toxicity	84.4% of the mixture consists of ingredient(s) of unknown toxicity.
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The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral	2422 mg/kg; Acute toxicity estimate
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### 12. ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Trade Secret	EC50 72 h: = 2700 mg/L Desmodesmus (subspicatus)	LC50 96 h: 2610 - 3080 mg/L static (Pimephales promelas) LC50 24 h: = 19000 mg/L static (Lepomis macrochirus)	EC50 = 84000 mg/L 30 min	EC50 48 h: 266.4 - 417.3 mg/L Static (Daphnia magna) EC50 24 h: = 1700 mg/L (Daphnia magna)

#### 12.2 Persistence and Degradability

No information available.

#### 12.3 Bioaccumulation

No information available.

#### 12.4 Other Adverse Effects

No information available.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### 13.2 Contaminated Packaging

Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

DOT Not regulated.

ICAO Not regulated.

IATA Not regulated

### 15. REGULATION INFORMATION

#### 15.1 International Inventories

TSCA Exempt

DSL Exempt



### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### 15.2 U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### 15.3 SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

### 15.4 Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40CFR 122.42).

### 15.5 CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### 15.6 U.S. State Regulations

California Proposition 65  
This product does not contain any Proposition 65 chemicals.

### 15.7 U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

### 15.8 U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

## 16. OTHER INFORMATION

### Further information

Associates of Cape Cod, Inc. (ACC). All rights reserved. The above information is believed to be current and accurate; however, ACC makes no warranty of any type with respect to such information and assumes no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information for their intended use.

### Preparation Information

Associates of Cape Cod, Inc.

Version: 11

SDS *Glucateil*