



## MATERIAL SAFETY DATA SHEET

### 1 Product and Company Identification

Product name: BUG with Maltose  
Product number: 71103

Manufacturer/Supplier: Hardy Diagnostics  
1430 West McCoy Lane  
Santa Maria, CA 93455  
Telephone: (805) 346-2766; (800) 266-2222  
/Biolog, Inc.  
21124 Cabot Blvd.  
Hayward, CA 94545

Information department: Technical services.

Emergency information: In case of a chemical emergency, spill, fire, exposure, or accident contact Biolog Inc. at 1-510-785-2564 or 1-800-284-4949

### 2 Composition/Information

Chemical characterization:

Description: Contains a mixture of the nonhazardous substances typical of microbiological media (e.g salts, peptones, extracts).

Dangerous components: Void

### 3 Hazards Identification

Hazard description: This product contains no hazardous constituents, or the concentrations of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communications Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC, and 93/112/EC.

Classification system: This classification was made based on information gathered from company and literature data.

NFPA ratings (scale 0-4)



Health = 0  
Fire = 0  
Reactivity = 0

### 4 First aid measures

General information: No special measures required.  
After inhalation: Seek medical treatment in case of complaints.  
After skin contact: Immediately wash with water and soap and rinse thoroughly.  
After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
After swallowing: If symptoms persist consult doctor.  
Information for doctor: Show this MSDS.

### 5 Fire fighting measures

Suitable extinguishing agents: CO<sub>2</sub>, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.

Fire and explosion hazards: Any organic powder can be potentially explosive if disbursed in air in certain concentrations. These concentrations have not been determined. Use of this product in accordance with manufacturer's instructions should not result in explosive mixture being formed.

Protective equipment: No special measures required.

## 6 Accidental release measures

Person-related safety precautions	None required. If media has been inoculated, observe proper biohazard precautions and disposal.
Measures for environmental protection	Wipe up with damp sponge or mop spills.
Measures for cleaning/collecting	No special measures required.
Additional information	No dangerous substances are releases.

## 7 Handling and storage

Handling	
Information on safe handling	No special measures required.
Storage	
Requirements to be met by storerooms and receptacles	2- 8 °C, well sealed in a cool dry location place in accordance with specified storage conditions.

## 8 Exposure controls and personal protection

Components with limit values that require monitoring at the workplace	Contains no substances with occupational exposure limit values.
Personal protective equipment	
General protective and hygienic measures	Use usual precautionary measures for handling chemicals.
Breathing equipment	None required.
Protection of hands	Wash thoroughly after handling
Eye protection	None required.
Body protection	Protective work clothing (lab coat)

## 9 Physical and chemical properties

General Information	
Form/ Color	Firm, clear, tan/yellow; with no precipitate, chips or debris
Odor	None
pH:	7.3 +/- 0.1 at 25 °C
Density	Not determined
Evaporation rate	Not determined
Boiling point/ Freezing point	Not determined

## 10 Stability and reactivity

Stability	Stable
Thermal decomposition/conditions to be avoided	None known.
Hazardous decompositions products	None known.
Hazardous polymerization	Will not occur.

## 11 Toxicological information

Acute toxicity	Not determined.
Primary irritant effect	
On the skin	No irritating effects.
On the eye	No irritating effects.
Sensitization	No sensitizing effects known
Additional toxicological information	None

## 12 Ecological information

Ecological effects	Have not been thoroughly investigated, but currently none have been identified.
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## 13 Disposal considerations

Recommendation	Disposal must be made according to state and federal regulations.
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## 14 Transportation information

DOT	Not a DOT controlled material (United States).
IATA	Considered to be non-hazardous for air transport.

## 15 Regulatory information

United States regulatory information	
SARA Listed	No

Canada regulatory information

WHMIS classification      Classified in accordance with the hazard criteria of the CPR, and the MSDS contains all information required by the CPR.

DSL                              No

NDSL                             No

California Proposition 65 – Chemicals known to cause cancer

None of the ingredients listed.

California Proposition 65 - Chemicals known to cause reproductive toxicity

None of the ingredients listed.

**16 Other information**

*The information, data, and recommendations contained herein are believed to be accurate. Biolog, Inc. makes no warranty of any kind whatever with respect thereto and disclaims all liability from reliance thereon. We reserve the right to revise this MSDS periodically as new information becomes available.*

MS 71103 BUG Maltose PPM

Date: 14 MAR 2014