

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier - Labeling according to Regulations (EC) No 1272/2008

**Product Code(s)** 4890  
**Product name** Coliform Tablet with MUG

**Synonyms** none / ninguno / aucun  
**Substance or Preparation** Preparation

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

**Recommended Use** Use as a laboratory reagent  
Industrial (not for food or food contact use)

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

**Manufacturer** LaMotte Company, Inc.  
802 Washington Avenue  
P.O. Box 329  
Chestertown, MD 21620 USA  
T 410-778-3100  
F 410-778-9748

Contact for timely inquiries in regards to this product:

**Person** Regulatory Affairs Department  
**E-mail address** system@lamotteco.com

### 1.4. Emergency telephone number

24 Hour Emergency Number (CHEM-TEL):USA, Canada, Puerto Rico 1-800-255-3924 Outside North American Continent (Call collect) 813-248-0585

## Section 2: HAZARD(S) IDENTIFICATION

### 2.1. Classification of the substance or mixture

*2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]*

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

*2.1.2 Classification according to Directive 67/548/EEC or 1999/45/EC*

*For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16*

**Symbol(s)**  
Not dangerous

### 2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

**Pictogram(s)**

**Signal word** None

**Hazard statements** None

**EU Specific Hazard Statements**  
EUH210 - Safety data sheet available on request

**2.3. Other hazards**

None  
Irritating to eyes, respiratory system and skin  
Harmful if swallowed

**Section 3: COMPOSITION/ INFORMATION OF INGREDIENTS\*****3.1 Substances**

Not Applicable

**3.2 Mixtures**

Chemical name	EC No	CAS No	Weight-%	Classification	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Reg. No
Polyethylene glycol	-	25322-68-3	5-10	-	No data available	-

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

**Section 4: FIRST AID MEASURES****4.1. Description of first aid measures**

**General advice** No hazards which require special first aid measures. Do not get in eyes, on skin, or on clothing.

**Inhalation** Not expected to require first aid measures. Remove to fresh air.

**Skin contact** Wash off with warm water and soap.

**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids.

**Ingestion** Drink plenty of water.

**Self-protection of the first aider** Use personal protective equipment. See section 8 for more information.

**4.2. Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available

**Section 5: FIREFIGHTER MEASURES****5.1. Extinguishing media****Suitable extinguishing media**

Water spray, dry chemical, carbon dioxide (CO<sub>2</sub>), or foam.

**Unsuitable extinguishing media**

None

**5.2. Special hazards arising from the substance or mixture**

None known

**5.3. Advice for firefighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

**Section 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

See section 8.

**For emergency responders**

Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

See Section 12 for additional Ecological Information.

**6.3. Methods and material for containment and cleaning up****Methods for containment**

Dispose according to federal, state, and local regulations.

**Methods for cleaning up**

If local regulations permit, dissolve and rinse to drain with excess water. Sweep up and discard to trash. After cleaning, flush away traces with water.

**6.4. Reference to other sections**

For disposal see section 13.

**Methods for Containment and Clean Up** Pick up and transfer to properly labelled containers.**Section 7: HANDLING AND STORAGE****7.1. Precautions for safe handling****Handling**

Handle in accordance with good industrial hygiene and safety practice. Prevent contact with skin, eyes, and clothing. Do not taste or swallow. Do not eat, drink, or smoke when using this product.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection. Wash hands and face before breaks and immediately after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities****Storage**

Keep tightly closed in a dry and cool place. Protect from moisture. Keep out of the reach of children.

**7.3. Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

**Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION****8.1. Control parameters**

Chemical name	Eu	The United Kingdom	France	Spain	Germany
Polyethylene glycol 25322-68-3	Not Established	Not Established	Not Established	-	TWA: 1000 mg/m <sup>3</sup> Ceiling / Peak: 8000

					mg/m <sup>3</sup>
<b>Chemical name</b>	<b>Italy</b>	<b>Portugal</b>	<b>The Netherlands</b>	<b>Finland</b>	<b>Denmark</b>
Polyethylene glycol 25322-68-3	-	Not Established	-	Not Established	Not Established
<b>Chemical name</b>	<b>Austria</b>	<b>Switzerland</b>	<b>Poland</b>	<b>Norway</b>	<b>Ireland</b>
Polyethylene glycol 25322-68-3	TWA: 1000 mg/m <sup>3</sup> STEL 4000 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup>	Not Established	Not Established	Not Established

<b>Chemical name</b>	<b>European Union</b>	<b>United Kingdom</b>	<b>France</b>	<b>Spain</b>	<b>Germany</b>
Polyethylene glycol 25322-68-3	-	-	-	-	-
<b>Chemical name</b>	<b>Italy</b>	<b>Portugal</b>	<b>Netherlands</b>	<b>Finland</b>	<b>Denmark</b>
Polyethylene glycol 25322-68-3	-	-	-	-	-
<b>Chemical name</b>	<b>Austria</b>	<b>Switzerland</b>	<b>Poland</b>	<b>Norway</b>	<b>Ireland</b>
Polyethylene glycol 25322-68-3	-	-	-	-	-

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

### Engineering Measures

Showers  
Eyewash stations  
Ventilation systems  
Ensure adequate ventilation, especially in confined areas

### Personal protective equipment

#### Eye/Face Protection

Wear safety glasses with side shields (or goggles).

#### Hand protection

Protective gloves.

#### Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure. Wear nitrile gloves.

#### Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### Environmental exposure controls

No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Physical state** Tablet ~0.1g (100mg)

**Appearance** Tan

**Odor**

Odorless

#### Property

#### Values

#### Remarks • Method

pH 7

(1 tablet in 10mL of water)

**Melting point / freezing point**

No information available

**Boiling point / boiling range**

No information available

**Flash point**

No information available

**Evaporation rate**

No information available

**Flammability (solid, gas)**

No information available

**Flammability Limit in Air**

**Upper flammability limit:**

Not applicable

**Lower flammability limit:**

Not applicable

**Vapor pressure**

No information available

**Vapor density**

No information available

**Specific gravity**

No information available

**Water solubility**

Soluble in water

No information available

**Solubility in other solvents**

No information available

**Partition coefficient**

No information available

**Autoignition temperature**

No information available

<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

**9.2. Other information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	No information available

**Section 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

Stable.

**10.3. Possibility of hazardous reactions**

**Hazardous polymerization**  
Hazardous polymerization does not occur.

**Hazardous Reactions**  
None under normal processing.

**10.4. Conditions to avoid**

Exposure to air or moisture over prolonged periods. Excessive heat.

**10.5. Incompatible materials**

No materials to be especially mentioned.

**10.6. Hazardous decomposition products**

None under normal use.

**Section 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Acute toxicity**

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	9,549.00 mg/kg
<b>ATEmix (dermal)</b>	80,000.00 mg/kg

<b>ATEmix (oral)</b>	ATEmix (oral)
<b>ATEmix (dermal)</b>	ATEmix (dermal) No information available

Chemical name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
Polyethylene glycol	= 22 g/kg ( Rat ) = 28 g/kg ( Rat )	> 20 mL/kg ( Rabbit ) > 20 g/kg ( Rabbit )	

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Carcinogenic effects</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Chemical name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Polyethylene glycol	Not Established	5000: 24 h Carassius auratus mg/L LC50	Not Established

### 12.2. Persistence and degradability

No data is available on the product itself.

### 12.3. Bioaccumulative potential

No information available.

Chemical name	Log Pow
Polyethylene glycol	Not Established

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

No information available.

Chemical name	PBT and vPvB assessment
Polyethylene glycol	-

### 12.6. Other adverse effects

No information available

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine disrupting potential
Polyethylene glycol	Not Established	Not Established	Not Established

## Section 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of waste product or used containers according to local regulations.

**Contaminated packaging** Dispose of waste product or used containers according to local regulations.

**Section 14: TRANSPORT INFORMATION****IMDG/IMO**

14.1  
 14.2 Proper shipping name NOT REGULATED BY IMDG/IMO  
 14.3  
 14.4

**ICAO**

14.1  
 14.2 Proper shipping name Not Regulated  
 14.3  
 14.4  
 14.5  
 14.6

**IATA**

14.1  
 14.2 Proper shipping name Not Regulated  
 14.3  
 14.4  
 14.5  
 14.6

**Section 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Chemical name	French RG number	Title
Polyethylene glycol (CAS # 25322-68-3)	-	-

**Germany** None

**Water contaminating class (Netherlands)** None

**Switzerland Poison Classification** None

**European Union** None

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies  
**EINECS/ELINCS** Does not comply  
**ENCS** Does not comply  
**IECSC** Complies  
**KECL** Complies  
**PICCS** Does not comply  
**AICS** Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

**Section 16: ANY OTHER RELEVANT INFORMATION****Key or legend to abbreviations and acronyms used in the safety data sheet****Text of R phrases mentioned in Section 3**

No information available

**Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**TWA** - TWA (time-weighted average)

**STEL** - STEL (Short Term Exposure Limit)

**Ceiling** - Maximum limit value

<b>Prepared by</b>	Regulatory Affairs Department
<b>Issuing Date</b>	Aug-06-2015
<b>Reason for revision</b>	Update to Format.
<b>Recommendations on Use</b>	Laboratory chemicals Industrial (not for food or food contact use) Restricted to professional users

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**