

## MATERIAL SAFETY DATA SHEET

### Section 1 –Identification

Product Name: Lubrication Jelly  
Product Size: 2.7g  
Product Numbers COVERED: GMCLG1001  
Manufacturer: Greystone Medical LLC  
Address: 7433 Pine Creek Trail Suite #B  
City: Waterford  
State: MI  
ZIP: 48327  
Country: US  
Phone Number: 248-919-8491

### Section 2 - Hazards Identification

#### Emergency Overview

Color: Colorless

Physical State: Thick liquid.

Odor: No data available

Hazards of product: No significant immediate hazards for emergency response are known.

#### OSHA Hazard Communication Standard

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Potential Health Effects

Eye Contact: May cause slight temporary eye irritation. Corneal injury is unlikely.

Skin Contact: Prolonged contact may cause slight skin irritation with local redness.

Skin Absorption: Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Prolonged/repeated exposure to damaged skin (as in burn patients) may result in absorption of toxic amounts.

Inhalation: At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous. For respiratory irritation and narcotic effects: No relevant data found.

Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

Aspiration hazard: Based on physical properties, not likely to be an aspiration hazard.

**Section 3 - Composition/Information on Ingredients**

<b>Component</b>	<b>CAS #</b>	<b>Amount</b>
Polyethylene glycol-300	25322-68-3	0.2295 g +/- 0.405
Polyethylene glycol-1450	25322-68-3	0.2295 g +/- 0.405
Water	7732-18-5	2.2275g +/-0.0675
Additives	-	0.0135g

**Section 4 - First Aid Measures**

## Description of first aid measures

General advice: If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: Move person to fresh air; if effects occur, consult a physician.

Skin Contact: Wash skin with plenty of water.

Eye Contact: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Ingestion: No emergency medical treatment necessary.

Most important symptoms and effects, both acute and delayed

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), no additional symptoms and effects are anticipated.

Indication of immediate medical attention and special treatment needed Absorption may be promoted by damaged skin. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

**Section 5 - Fire Fighting Measures**

Suitable extinguishing media Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

Extinguishing Media to Avoid: Do not use direct water stream. May spread fire.

Special hazards arising from the substance or mixture

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

Unusual Fire and Explosion Hazards: Container may rupture from gas generation in a fire situation.

Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

#### Advice for firefighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Do not use direct water stream. May spread fire. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

### Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Methods and materials for containment and cleaning up: Contain spilled material if possible. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.

### Section 7 - Handling and Storage

#### Handling

General Handling: See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

#### Storage

Store in original container. Use product promptly after opening. Avoid prolonged exposure to heat and air.

### Section 8 - Exposure Controls/Personal Protection

#### Exposure Limits

Component	List	Type	Value
Polyethylene glycol	AIHA WEEL	TWA Particulate.	10 mg/m <sup>3</sup>

#### Personal Protection

Eye/Face Protection: Use safety glasses (with side shields).

Skin Protection: When prolonged or frequently repeated contact could occur, use protective clothing chemically resistant to this material. Selection of specific items such as faceshield, boots, apron, or full-body suit will depend on the task.

Hand protection: Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Examples of preferred glove barrier materials include: Butyl rubber. Ethyl vinyl alcohol laminate ("EVAL"). Examples of acceptable glove barrier materials include: Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). Viton. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Respiratory Protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

Ingestion: Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

#### Engineering Controls

Ventilation: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations

**Section 9 - Physical/Chemical Properties**

Appearance	
Physical State	Thick liquid.
Color:	Colorless
Odor	No test data available
pH	5.0 - 7.0
Melting point	Not applicable to liquids
Freezing point	No test data available
Boiling Point (760 mmHg)	No test data available.
Flash Point - Closed Cup	No test data available
Evaporation Rate (Butyl Acetate = 1)	No test data available
Flammability (solid, gas)	Not applicable to liquids
Flammable Limits In Air	Lower: No test data available Upper: No test data available
Vapor Pressure	No test data available
Vapor Density (air = 1)	No test data available
Specific Gravity (H <sub>2</sub> O = 1)	No test data available
Autoignition Temperature	No test data available
Decomposition Temperature	No test data available
Viscosity	13000cp-18000cp

**Section 10 - Stability and Reactivity Data**

## Reactivity

No dangerous reaction known under conditions of normal use.

## Chemical stability

Thermally stable at typical use temperatures.

## Possibility of hazardous reactions

Polymerization will not occur.

Conditions to Avoid: Exposure to elevated temperatures can cause product to decompose. Generation of gas during decomposition can cause pressure in closed systems.

Incompatible Materials: Avoid contact with: Strong acids. Strong bases. Strong oxidizers.

## Hazardous decomposition products

Decomposition products depend upon temperature, air supply and the presence of other materials.

Decomposition products can include and are not limited to: Aldehydes. Alcohols. Ethers. Carbon dioxide. Carboxylic acids.

**Section 11 - Toxicological Information**

## Acute Toxicity

Polyethylene glycol

Ingestion	LD50, rat > 10,000 mg/kg
Dermal	LD50, rabbit > 20,000 mg/kg
Inhalation	Typical for this family of materials. No deaths occurred at this concentration. LC50, 6 h, Aerosol, rat > 2.5 mg/l
Eye damage/eye irritation	May cause slight temporary eye irritation. Corneal injury is unlikely.
Skin corrosion/irritation	Prolonged contact may cause slight skin irritation with local redness
Sensitization	
Skin	Did not cause allergic skin reactions when tested in humans.
Respiratory	No relevant data found.
Repeated Dose Toxicity	Based on available data, repeated exposures are not anticipated to cause significant adverse effects.
Chronic Toxicity and Carcinogenicity	Similar material(s) did not cause cancer in laboratory animals.
Developmental Toxicity	For similar material(s): Did not cause birth defects in laboratory animals.
Reproductive Toxicity	For similar material(s): In animal studies, did not interfere with reproduction.
Genetic Toxicology	In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

**Section 12 – Ecological Information**

## Toxicity

Polyethylene glycol: Material is practically non-toxic to aquatic invertebrates on an acute basis (LC50/EC50 > 100 mg/L).

Fish Acute & Prolonged Toxicity : LC50, Pimephales promelas (fathead minnow), static test, 96 h: > 73,000 mg/l

Aquatic Invertebrate Acute Toxicity : LC50, Daphnia magna (Water flea), static test, 48 h, immobilization: > 10,000 mg/l

**Persistence and Degradability**

Material is expected to be readily biodegradable.

Biological oxygen demand (BOD):

BOD 5	BOD 10	BOD 20	BOD 28
3%	28%	64%	

Chemical Oxygen Demand: 1.76 mg/mg

Theoretical Oxygen Demand: 1.71 mg/mg

**Bioaccumulative potential**

Bioaccumulation: No bioconcentration is expected because of the relatively high water solubility.

Mobility in soil: No data available

**Section 13 - Disposal Considerations**

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other

**Section 14 – Transport Information**

DOT Non-Bulk	Not regulated
DOT Bulk	Not regulated
IMDG	Not regulated
ICAO/IATA	Not regulated

**Section 15 – Regulatory Information**

OSHA Hazard Communication Standard:

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312 :

Immediate (Acute) Health Hazard	No
Delayed (Chronic) Health Hazard	No

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Fire Hazard No Reactive Hazard	No
Sudden Release of Pressure Hazard	No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313 :

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List: To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986) : This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

US. Toxic Substances Control Act : All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

CEPA - Domestic Substances List (DSL) : All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

#### **Section 16: Other Information**

Greystone Medical LLC. is a registered Medical Devices manufacturer as designated by the FDA.

***Disclaimer: This product is exempt from Safety Data Sheet regulations as the product is for consumer use. (Provided with this information by the compiling agencies):***

This information contained in this SDS is offered as a guide to the handling of this specific material. The information contained in this Safety Data Sheet (SDS) is offered as a guide to the use and handling of this material. It has been prepared in good faith by technically knowledgeable

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