

SAFETY DATA SHEET

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03



LGM International, Inc.
09/05/2018 (Issue Date)

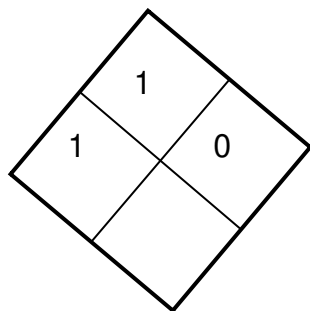
Safety Data Sheet (SDS)
MSDS-640-001

Liqui-PREP™ Preservative Solution

Section 1 Identification:

Date Issued: 09/05/18
Replaces: 02/26/14
Manufacturer: LGM International, Inc.
285-A North Drive
Melbourne, FL 32934 USA
Information: (321) 254-0480
Emergency: (321) 615-0652

Section 2 Hazard Identification:



Health Hazard	Fire Hazard and Flash Points	Reactivity
4 Deadly	4 Below 23° C	4 May detonate
3 Extreme danger	3 Below 37° C	3 Shock & heat may detonate
2 Hazardous	2 Above 37° C, not exceeding 60° C	2 Violent chemical change
1 Slightly hazardous	1 Above 60° C	1 Unstable if heated
0 Normal Material	0 Will not burn	0 Stable

Section 3 Composition/information on Ingredients:

Hazardous Ingredients

Item	CAS No.	Percent	Agency
Alcohols (ethanol)	64-17-5	10 - 24%	OSHA, ACGIH
Non-Hazardous Ingredients			OSHA, ACGIH

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Section 4 First-aid measures:

- Skin Contact:** Remove contaminated clothing immediately. Wash the affected area of your body with soap and large amounts of water until no evidence of the chemical remains.
- Eye Contact:** Immediately flush eye with water for at least 15 minutes. If there is appreciable eye irritation, the individual should see a physician.
- Inhalation:** If affected by vapors, move individual to fresh air immediately. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration.
- Ingestion:** Get medical attention immediately

Section 5 Fire-fighting Measures:

- Hazard:** Possible fire hazard if exposed to heat or flame
- Flashpoint:** 78° C
- Auto-Ignition** Product is not self-igniting
- Temperature:**
- Flammability Limits**
- in Air % by Volume:** N/T
- Extinguisher Media:** Dry Chemical, carbon dioxide or water spray

Section 6 Accidental Release Measures:

- Emergencies:** With large volume spills, leave the area quickly. Do not touch spilled materials. Designated individual should stop the leak and shut off ignition sources. Use water spray to reduce vapors, do not smoke, prohibit all flames or flares in the hazard area. Isolate the area until decontaminated.
- Disposal:** Please consult with state and local regulations.

Section 7 Handling and Storage:

- Conditions:** Store away from high heat and open flame. Store at ambient temperature: 10° C-30° C.

Section 8 Exposure Controls/Personal Protection:

- Ventilation:** General mechanical ventilation or general dilution ventilation to meet exposure limits.
- Personal Protective Equipment:** Wear a lab coat, gloves and eye protection.

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Section 9 Physical and Chemical Properties:

Appearance and

Odor: Clear, colorless liquid with slight alcohol odor.
Boiling Point: 86° C
Vapor Pressure: N/T
Vapor Density: N/T
Solubility in Water: Yes
Specific Gravity 11.400 (BRIX @ 20° C)
Melting Point: N/T
Evaporation Rate: N/T
Water Reactive: No

Section 10 Stability and Reactivity:

Stability: Stable
Incompatibility: Avoid contact with strong oxidizing agents
Hazardous
Decomposition: Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide
Hazardous
Polymerization: None

Section 11 Toxicological Information:

Skin Effects: Prolonged or repeated contact can cause moderate irritation or dermatitis
Eye Effects: Can cause severe irritation, redness, tearing, blurred vision
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea, blindness, death
Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache, unconsciousness and even death
Chronic Effects
of Exposure: Overexposure to this material or its components has been suggested as a cause of the following effects in humans: liver abnormalities, eye damage and kidney damage

Section 12 Ecological Information:

Aquatics Toxicity: Material not known to be toxic to aquatic life.

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Section 13 Disposal Considerations:

Please consult with state and local regulations.

Section 14 Transport Information:

Transportation: Non-Hazardous for road, sea and air transportation. NON-DG as per IATA regulations.

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Section 15 Regulatory Information:

FDA: Class 1

EU Directive

98/79/EC In Vitro Medical Device

Section 16 Other Information:

LGM International, Inc. believes the information herein to be correct and factual as of the issue date hereof. This information is furnished on the condition that the person receiving it shall make the determination as to the suitability of the material for their particular purpose and on the condition that they assume the risks of the use thereof.