



SAFETY DATA SHEET

LIQUID 8™

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: LIQUID 8™
Date of Safety Data Sheet: April 15, 2021
Use of Preparation: Waste Degradant.
Company Identification: Mega-Lab Manufacturing Co. Ltd.
3-25 Planchet Road,
Concord, Ontario.
L4K 2C5

Company Emergency Telephone Number Emergency Phone: 905-532-9000

Transportation Emergency Telephone Number CANUTEC 613-996-6666 or * 666 for cell phone

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Not classified as hazardous under GHS WHMIS 2015.

Classification of substance or mixture

GHS-US/Canadian classification:

Not hazardous

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS):

None.

Signal Word (GHS):

None

Hazard Statements (GHS):

None

Precautionary Statements (GHS):

None.

Response (GHS):

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

| Ingredient | CAS# | % by Wt | Classification |
|-------------------|----------------|---------|--|
| Bacterial mixture | Not applicable | 1-5 | Not classified as hazardous under GHS. |



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4. FIRST AID MEASURES

| | |
|----------------------------|---|
| Inhalation: | Remove to fresh air. If symptoms persist consult physician. |
| Eye Contact: | Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists, get medical attention. |
| Skin Contact: | Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. |
| Ingestion: | Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid. |
| Notes to Physician: | Treatment based on judgment of attending physician. |

5. FIRE FIGHTING MEASURES

| | |
|--|--|
| Suitable extinguishing media: | Flood with water for extinguishing agent. CO ₂ , dry chemical, alcohol resistant foam |
| Unsuitable extinguishing media: | None known. |
| Special exposure hazards | Thermal decomposition releases irritating gases. |
| Special safety equipment: | Self-contained positive pressure breathing apparatus and protective clothing. |
| Fire and explosion | Not flammable. Not an explosive hazard. |
| Further information | Keep containers and surrounding cool with water spray. |

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to lakes, rivers, and storm sewers.

No action needed for entry to sanitary sewers. This product is designed to digest waste.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into storm sewers or streams.

Methods for Cleaning Up: Clear up spills immediately with absorbent and dispose of waste safely.

Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.



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Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities:

Storage: Acids, Oxidizers, reducing agents.

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Keep container tightly sealed.

Specific end use(s) No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|--------------------------------|--|
| Respiratory protection: | Use local exhaust or dilution ventilation. |
| Hand protection: | Not normally required. |
| Eye protection: | Not normally required. |
| Skin protection: | Not normally required. |
| Working hygiene: | Take usual precautions when handling. Workers should wash hands before eating, drinking, or smoking. |
| Exposure Guidelines: | No ingredients with exposure limits |

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| <u>Property</u> | <u>Values</u> | <u>Odour</u> <u>Odour Threshold</u> <u>Remarks/Method</u> | <u>Typical.</u> <u>No data available.</u> |
|----------------------------|------------------------|---|--|
| Physical State | Liquid | | |
| Appearance | Opaque | | |
| Colour | Bright Yellow | | |
| pH | 6.5-7.5 | None known | |
| Melting/Freezing Point | 0 C | None known | |
| Boiling Point/Range | 100 C | None known | |
| Flash Point | Not applicable. | None known | |
| Evaporation Rate | Similar | None known | |
| Flammability (solid, gas) | Not flammable | None known | |
| Flammability Limit in Air: | | | |
| Upper Limit | No data available | None known | |
| Lower Limit | No data available | None known | |
| Vapour Pressure | No data available | None known | |
| Vapour density | No data available | None known | |
| Specific Gravity | 1.00 g/cm ³ | | |

Date: April 15, 2021

SDS: Mega-Lab – LIQUID 8™



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| | | |
|----------------------------------|-------------------|------------|
| Water Solubility | Soluble in water. | None known |
| Solubility Other Solvents | No data available | None known |
| Partition Coefficient: | | |
| n-octanol/water | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition Temperature | No data available | None known |
| Kinematic Viscosity | No data available | None known |
| Dynamic Viscosity | No data available | None known |
| Explosive Properties | No data available | None known |
| Oxidizing Properties | No data available | None known |

Other Properties:

| | |
|-----------------------------------|-------------------|
| Softening Point | No data available |
| VOC Content % | No data available |
| Particle Size | No data available |
| Particle Size Distribution | No data available |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Reactivity | Stable. |
| Chemical stability | Stable under recommended handling and storage conditions (see section 7). |
| Thermal decomposition/conditions to avoid: | No decomposition if used and stored according to specifications. |
| Possibility of hazardous reactions | Hazardous polymerization will not occur. |
| Conditions to avoid | Extremely high or low temperatures. Carbon oxides (CO, CO ₂). Sodium oxides. |
| Hazardous decomposition products | |
| Materials to avoid | Reducing agents. Strong acids. |
| Hazardous polymerization | Will not occur |

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects
Acute toxicity: Harmful if swallowed.
LD/LC50 values relevant for classification:
Not classified.
On the skin: Causes drying of the skin.
On the eye: Causes pain and redness.
Respiratory or Skin Sensitization: Not classified.
Additional toxicological information:
Carcinogenicity:
Chemical Name None

12. ECOLOGICAL INFORMATION

| | |
|---------------------------------------|----------------|
| Toxicity: | Not classified |
| Persistence and Degradability: | Not available |
| Bioaccumulative Potential: | Not available |



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Mobility in Soil: Not available.
Other Adverse Effects
Other Information: All of the organic components of this product are readily biodegradable.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

Canadian TDG (Road & Rail): Not regulated.

U.S. Department of Transportation (DOT): Not regulated.

Water Transportation (IMO): Not regulated.

Air Transportation (IATA): Not regulated.

15. REGULATORY INFORMATION

Occupational Health & Safety Regulations:

WHMIS 1988 Classification: Not regulated.

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

| | |
|----------------------|------------|
| TSCA | Complies |
| DSL/NDSL | Complies - |
| EINECS/ELINCS | Complies |
| ENCS | Complies |
| IECSC | Complies |
| KECL | - |
| PICCS | - |
| AICS | Complies |

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the 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 Commercial Chemical Substances/EU 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



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U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 0 Minimal Hazard

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Technical Department.

Issuing Date: May 23, 2017

Revision Date: April 15, 2021

Revision Notes: Section 6 – Accidental Release Measures – Environmental Precautions and Methods and Material for Containment and Cleaning clarified to confirm handling re: storm sewers and sanitary sewers.

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet