



LIQUID TOWEL

Safety Data Sheet

Revision Date: 10/27/2022

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Trade Name LIQUID TOWEL
Product Form Mixture
Product Code 11-17420

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

Use of Product Drying Agent

1.3 Details of the Supplier of the safety data sheet

ChemQuest Inc.
21365 Hamburg Ave.
Lakeville, MN 55024
(877)437-3478
infocq@chemquestinc.com

1.4 Emergency telephone number

Emergency Number ChemTrec 1-800-424-9300

SECTION 2: Hazards Identification

2.1 Classification of the substance

Classification

| <u>Hazard Code</u> | <u>Hazard Class</u> | <u>Hazard Category</u> |
|--------------------|--|------------------------|
| H315 | Skin corrosion/irritation | 2 |
| H318 | Serious eye damage/eye irritation | 1 |
| H401 | Hazardous to the aquatic environment, acute toxicity | 2 |
| H411 | Hazardous to the aquatic environment, chronic toxicity | 2 |

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFEETY PRACTICES

2.2 Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US): **Danger**

Hazard Statements (GHS-US):

H315: Causes skin irritation
H318: Causes serious eye damage
H401: Toxic to aquatic life
H411: Toxic to aquatic life with long lasting effects

Precautionary Statements (GHS-US):

P264: Wash thoroughly after handling
P273: Avoid release into the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection
P310: Immediately call a POISON CENTER or doctor/physician
P321: Specific treatment (see section 4)
P362: Take off contaminated clothing and wash before reuse
P391: Collect spillage
P302+P352: IF ON SKIN: Wash with soap and water

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P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P332+P313: If skin irritation occurs: Get medical advice/attention

P501: Dispose of contents/container in accordance with local, state, and federal authorities.

2.3 Other Hazards

No additional information available

2.4 Unknown acute toxicity (GHS-US)

No Data Available

SECTION 3: Composition/Information on Ingredients

3.1 Substance

Not applicable

3.2 Mixture

| Ingredient Name | CAS # | Composition |
|---|------------|-------------|
| Water | 7732-18-5 | 50-75% |
| Distillates, petroleum, hydrotreated middle | 64742-46-7 | 15-25% |
| Quaternary Ammonium Compounds | Mixture | 5-10% |
| 2-butoxyethanol | 111-76-2 | 5-10% |
| Amines, C14-18; C16-18-Unsat., Alkyl, Ethoxylated | 68155-39-5 | 1-5% |
| 1,2-Propanediol | 57-55-6 | 1-5% |

SECTION 4: First Aid Measures

4.1 Description of first aid measures

| | |
|------------------------------|---|
| First-Aid measures general | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-Aid after inhalation | IF INHALED. Use artificial respiration and oxygen if needed. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation persists, seek medical attention. |
| First-Aid after skin contact | IF ON SKIN. If skin irritation occurs. Get medical advice/attention. Wash with soap and water. Immediately rinse with plenty of water (for at least 15 minutes). |
| First-Aid after eye contact | IF IN EYES. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTER or doctor/physician. Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If irritation persists, seek medical attention. |
| First-Aid after ingestion | IF SWALLOWED. Rinse mouth. Do NOT induce vomiting. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call physician immediately. |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|--------------------------------------|---|
| Symptoms/injuries | Causes skin irritation. Causes serious eye damage. |
| Symptoms/injuries after inhalation | May cause headache, nausea, and irritation of respiratory tract. |
| Symptoms/injuries after skin contact | Causes skin irritation. |
| Symptoms/injuries after eye contact | Causes serious eye damage. |
| Symptoms/injuries after ingestion | May cause gastrointestinal irritation, nausea, vomiting, and diarrhea if swallowed. |
| Chronic symptoms | No data available. |

4.3 Indication of immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media Alcohol resistant foam. Carbon dioxide. Dry powder. Do Not Use Water Spray.

5.2 Special hazards arising from the substance or mixture

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| | |
|------------------|--|
| Fire Hazard | The product is not flammable. |
| Explosion Hazard | The product is not explosive. |
| Reactivity | The product is not reactive under normal conditions. |

5.3 Special hazards arising from the substance or mixture

| | |
|--------------------------------|--|
| Firefighting instructions | Do not dispose of fire-fighting water in the environment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. |
| Protection during firefighting | Do not enter fire area without proper protective equipment, including respiratory protection. |

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

| | |
|------------------|---|
| General measures | Ventilate area. Avoid breathing vapors, mist, or gas. Spill should be handled by trained clean-up crews. For personal protection see Section 8. |
|------------------|---|

6.1.1 For non-emergency personnel

| | |
|----------------------|---|
| Protective equipment | Wear Protective equipment as described in Section 8. |
| Emergency procedures | Contain the spill. Do not let product enter drains. Remove unnecessary personnel. |

6.1.2 For emergency responders

| | |
|----------------------|--|
| Protective equipment | Wear Protective equipment as described in Section 8. |
|----------------------|--|

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| For containment | Prevent entry to sewers and public waters. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. |
| Methods for cleaning up | Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). |

6.4 reference to other sections

No additional information available.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

| | |
|-------------------------------|---|
| Precautions for safe handling | Do not handle until all safety precautions have been read and understood. Wear proper safety equipment including chemically resistant gloves and safety glasses or goggles. Use with adequate ventilation. Wash thoroughly after handling. Do not get in eyes. Avoid prolonged or repeated contact with skin. Do not breathe mist or vapor. Do not swallow. Store between 50 F & 100 F. |
|-------------------------------|---|

7.2 Conditions for safe storage, including and incompatibilities

| | |
|--------------------|---|
| Storage conditions | Store in approved containers only. Keep container in a cool, well-ventilated place away from heat sources and incompatible materials (See Section 10.5). Keep container tightly closed. |
|--------------------|---|

7.3 Specific end uses

No additional information

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

No OSHA and ACGIH PEL's or TLV's for the listed ingredients of this product unless listed stated below:

| 2-Butoxyethanol, CAS # 111-76-2 | | | |
|---------------------------------|-----------------|--------------------|--------------|
| OSHA PEL (TWA) | OSHA PEL (STEL) | OSHA PEL (Ceiling) | ACGIH-TLV |
| 50 ppm | Not Established | Not Established | 20 ppm (TWA) |

8.2 Exposure Controls

| | |
|-------------------------------|---|
| Personal protective equipment | Chemical resistant gloves. Protective clothing. Safety glasses or goggles |
| Hand protection | Chemical resistant gloves. |
| Eye protection | Safety glasses or goggles. |

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| | |
|--------------------------|--|
| Skin and body protection | Wear suitable protective clothing. |
| Respiratory protection | If ventilation does not keep levels below regulatory exposure limits, use approved respiratory protection. |

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

| | |
|----------------------------------|-------------------|
| Appearance | Tinted Liquid |
| Color | Blue |
| Odor | Mint |
| Odor threshold | No data available |
| pH | 7.5 |
| Relative Evaporation rate (butyl | No data available |
| Melting point | No data available |
| Freezing point | No data available |
| Boiling point | No data available |
| Flash point | No data available |
| Self-ignition point | No data available |
| Decomposition temperature | No data available |
| Flammability (solid, gas) | No data available |
| Vapor pressure | No data available |
| Relative vapor density at 20° C | No data available |
| Relative Density | 0.971 g/ml |
| Solubility | Water soluble |
| Log Pow | No data available |
| Log Kow | No data available |
| Viscosity: Kinematic | No data available |
| Viscosity: dynamic | No data available |
| Explosive properties | No data available |
| Oxidizing properties | No data available |
| Explosive Limits | No data available |

9.2 Exposure Controls

No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known under normal conditions of use.

10.2 Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions

None Known

10.4 Conditions to avoid

None known

10.5 Incompatible Materials

Avoid contact with: bases, amines, ammonia, strong acids, strong bases, acid chlorides, strong oxidizers, and oxidizing agents

10.6 Hazardous decomposition products

Thermal decomposition can result in: aldehydes, hydrocarbons, and carbon oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral LD50: > 2000 mg/kg (rat) Calculated

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| | |
|--|---------------------------|
| Dermal LD50: > 2000 mg/kg (rabbit) Calculated | |
| Inhalation LD50: > 5 mg/l (Dust/mist (Rat)) Calculated | |
| Skin Corrosion/irritation | Causes skin irritation |
| Serious eye damage/irritation | Causes serious eye damage |
| Respiratory or skin sensitization | Not Classified |
| Germ cell mutagenicity | Not Classified |
| Carcinogenicity | Not Classified |
| Reproductive toxicity | Not Classified |
| Specific organ toxicity single exposure | Not Classified |
| Specific organ toxicity repeated exposure | Not Classified |
| Aspiration hazard | Not Classified |
| Symptoms/injuries after inhalation | See Section 4 |
| Symptoms/injuries after skin contact | See Section 4 |
| Symptoms/injuries after eye contact | See Section 4 |
| Symptoms/injuries after ingestion | See Section 4 |
| Chronic symptoms | Not Classified |

SECTION 12: Ecological information

12.1 Toxicity

No Data

12.2 Persistence and degradability

No Data

12.3 Bioaccumulative potential

No Data

12.4 Mobility in soil

No Data

12.5 Other adverse effect

No Data

SECTION 13: Disposal Considerations

13.1 Waste Treatment methods

Waste treatment methods Do not discharge to public wastewater systems without permit of pollution control authorities.
No discharge to surface waters is allowed without NPDES permit.

Waste disposal recommendations Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released to the environment.

SECTION 14: Transportation information

14.1 UN number, proper shipping name, class and packaging groups.

Domestic Ground Non-Bulk Shipments

NOT DOT REGULATED

14.2 Additional information

Not available

SECTION 15: Regulatory Information

15.1 Federal regulations

TSCA Inventory: The components of this product are listed.

SARA 311/312 Hazard category (40 CFR 370.2): Acute and chronic health hazard.

SARA 313 Toxic Release Reporting (40CFR Part 372): 2-butoxyethanol, CAS# 111-76-2, 5-10% by wt.

SARA 302 EHS Emergency Planning (40CFR Part 355): No listed substance known over 1.0% or over 0.1% that are carcinogenic.

SARA 304 EHS Emergency Planning (40CFR Part 355): No listed substance known over 1.0% or over 0.1% that are carcinogenic.

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CERCLA Section 102-103 HS Released Reporting (40 CFR part 302-102a): 2-butoxyethanol, CAS# 111-76-2, RQ no listed value, see 50 Federal Register 13456 for RQ lbs.

15.2.1 International regulations

No Data

15.2.2 National regulations

No Data

15.3 State Regulations

California Prop. 65

Approximate quantities by weight

- Ethylene glycol (ingested)/ developmental/ CAS# 107-21-1/ Trace
- Methyl chloride/ developmental / CAS# 74-87-3/ Trace
- Methyl chloride/ male / CAS# 74-87-3/ Trace

New Jersey Right to Know

Approximate quantities by weight

- 2-BUTOXY ETHANOL/ CAS# 111-76-2/ 5-10% by wt.
- PROPYLENE GLYCOL/ CAS# 57-55-6/ 1-5% by wt.
- ETHYLENE GLYCOL/ CAS# 107-21-1/ Trace
- METHYL CHLORIDE/ CAS# 74-87-3/ Trace

SECTION 16: Other Information

| | |
|---------------------|------|
| Other information | None |
| NFPA | |
| NFPA Health Hazard | 2 |
| NFPA Fire Hazard | 1 |
| NFPA Reactivity | 0 |
| HMIS | |
| Health | 2 |
| Flammability | 1 |
| Physical | 0 |
| Personal Protection | X |

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