

**LT Desert Dry**

Revision Date: 07/28/2025

**SECTION 1: Identification****1.1 Product Identifier**

Trade Name **LT Desert Dry**  
Product Number 11-17420

**1.2 Relevant Identified Uses**

Relevant Identified Uses Drying Agent

**1.3 Details of the Supplier of the Safety Data Sheet**

Car Wash Technologies  
322 19th St SW  
Forest Lake, MN 55025  
United States

Telephone: (651) 272-5459

**1.4 Emergency Telephone Number**

(651) 272-5459.

**SECTION 2: Hazard(s) Identification****2.1 Classification of the Substance**

Classification Acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

| Hazard Statement | Hazard Class                      | Category |
|------------------|-----------------------------------|----------|
| H315             | skin corrosion/irritation         | 2        |
| H318             | serious eye damage/eye irritation | 1        |

Employ good industrial hygiene practice

**2.2 Label Elements**

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Signal Word **DANGER**

**- Hazard Statements**

H315 Causes skin irritation.  
H318 Causes serious eye damage.

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### - Precautionary Statements

|                |  |
|----------------|--|
| P280           | Wear protective gloves.  |
| P302+P352      | If on skin: Wash with plenty of water.   |
| P305+P351+P338 | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | Immediately call a poison center/doctor.   |
| P321           | Specific treatment (see on this label).  |
| P362           | Take off contaminated clothing and wash before reuse.  |

## 2.3 Other Hazards

### Hazards Not Otherwise Classified

May be harmful if swallowed (GHS category 5: acutely toxic - oral).

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

## SECTION 3: Composition/Information on Ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

#### Description of the Mixture

| Name of Substance  | CAS No     | Wt%       |
|--|------------|-----------|
| Water  | 7732-18-5  | 50 – < 75 |
| Distillates (petroleum), hydrotreated middle                   | 64742-46-7 | 5 – < 10  |
| Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | 61789-77-3 | 5 – < 10  |
| 2-Butoxyethanol  | 111-76-2   | 5 – < 10  |
| Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated           | 68155-39-5 | 1 – < 5   |
| Propane-1,2-diol   | 57-55-6    | 1 – < 5   |
| L-Carvone  | 6485-40-1  | < 1       |

## SECTION 4: First-Aid Measures

### 4.1 Description of First-Aid Measures

#### General Notes

Do not leave affected person unattended. Remove victim out of the danger area. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following Inhalation

Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician.

#### Following Skin Contact

Wash with plenty of soap and water.

#### Following Eye Contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart.

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### Following Ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms and effects are not known to date.

## SECTION 5: Fire-Fighting Measures

### 5.1 Extinguishing Media

#### Suitable Extinguishing Media

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO<sub>2</sub>)

### 5.2 Special Hazards Arising from the Substance or Mixture

None.

### 5.3 Fire-Fighting Measures

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

#### For Non-Emergency Personnel

Remove persons to safety.

#### For Emergency Responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### 6.2 Environmental Precautions

Do not empty into drains, surface water or soil. If the product has entered a water course, sewer or soil, inform the responsible authority.

### 6.3 Methods and Material for Containment and Cleaning Up

#### Advice on How to Contain a Spill

Prevent entry to sewers and public waters. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

#### Advice on How to Clean Up a Spill

Collect spillage. Ensure good ventilation and exhaustion. Place in appropriate containers for disposal.

### 6.4 Reference to Other Sections

Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

#### Measures to Prevent Fire as well as Aerosol and Dust Generation

Use local and general ventilation. Use only in well-ventilated areas.

#### Advice on General Occupational Hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for Safe Storage, Including Any Incompatibilities

There Is No Additional Information.

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Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials" (Section 10).

### SECTION 8: Exposure Controls/Personal Protection

#### 8.1 Control Parameters

##### Occupational Exposure Limit Values (Workplace Exposure Limits)

| Country | Name of Agent                                  | CAS No   | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Ceiling-C [ppm] | Ceiling-C [mg/m <sup>3</sup> ] | Notation | Source           |
|---------|--|----------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|------------------|
| US      | 2-butoxyethanol                                | 111-76-2 | TLV®       | 20        |                          |            |                           |                 |                                |          | ACGIH® 2024      |
| US      | 2-butoxyethanol                                | 111-76-2 | REL        | 5 (10 h)  | 24 (10 h)                |            |                           |                 |                                | H        | NIOSH REL        |
| US      | 2-butoxyethanol                                | 111-76-2 | PEL        | 50        | 240                      |            |                           |                 |                                | H        | 29 CFR 1910.1000 |
| US      | 2-butoxyethanol (EBE) (glycol monobutyl ether) | 111-76-2 | PEL (CA)   | 20        | 97                       |            |                           |                 |                                | H        | Cal/OSHA PEL     |

##### Notation

|           |  |
|-----------|--|
| Ceiling-C | ceiling value is a limit value above which exposure should not occur   |
| H         | absorbed through the skin  |
| STEL      | short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)                   |
| TWA       | time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified) |

##### Biological limit values

| Country | Name of Agent   | Parameter               | Notation                 | Identifier | Value    | Source      |
|---------|-----------------|-------------------------|--------------------------|------------|----------|-------------|
| US      | 2-butoxyethanol | Butoxyacetic acid (BAA) | hydr, crea, crea-limit3c | BEI®       | 200 mg/g | ACGIH® 2024 |

##### Notation

|              |   |
|--------------|---|
| crea         | creatinine  |
| crea-limit3c | acceptable limits on urine specimens: creatinine concentration: >0.3 g/L and <3.0 g/L, specific gravity:>1.010 and <1.030 |
| hydr         | hydrolysis  |

#### 8.2 Exposure Controls

##### Appropriate Engineering Controls

General ventilation.

##### Individual Protection Measures (Personal Protective Equipment)

##### Eye/Face Protection

Wear eye/face protection.

##### Skin Protection

##### - Hand Protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air

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them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

### - Body Protection

Wear suitable protective clothing.

### - Other Protection Measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

### Respiratory Protection

In case of inadequate ventilation wear respiratory protection.

### Environmental Exposure Controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

#### Appearance

|                |        |
|----------------|--------|
| Physical State | Liquid |
| Color          | Blue   |
| Foam Color     | None   |
| Fragrance      | Mint   |

#### Other safety parameters

|   |                   |
|---|-------------------|
| pH (value)                              | 7.5               |
| Melting Point/Freezing Point            | No Data Available |
| Initial boiling point and boiling range | No Data Available |
| Flash Point                             | >200 °F           |
| Evaporation rate                        | No Data Available |
| Flammability (solid, gas)               | No Data Available |
| Vapor pressure                          | No Data Available |
| Density                                 | 0.97 g/ml         |

#### Solubility(ies)

|                    |                            |
|--------------------|----------------------------|
| - Water solubility | Miscible in Any Proportion |
|--------------------|----------------------------|

#### Viscosity

|                       |                    |
|-----------------------|--------------------|
| - Kinematic viscosity | 22.01 cSt at 40 °C |
| - Dynamic viscosity   | 21 cP at 40 °C     |
| Oxidizing Properties  | None               |

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### 9.2 Other Information

There Is No Additional Information

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

### 10.2 Chemical Stability

See below "Conditions to avoid".

### 10.3 Possibility of Hazardous Reactions

No known hazardous reactions.

### 10.4 Conditions to Avoid

There are no specific conditions known which have to be avoided.

### 10.5 Incompatible Materials

Strong Oxidizers, Reducing Agents

### 10.6 Hazardous Decomposition Products

Hazardous combustion products: see section 5.

## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects

Test data are not available for the complete mixture.

#### Classification Procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification Acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

#### Acute Toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if swallowed.

#### Skin Corrosion/Irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or Skin Sensitization

Shall not be classified as a respiratory or skin sensitizer.

#### Germ Cell Mutagenicity

Shall not be classified as germ cell mutagenic.

#### Carcinogenicity

Shall not be classified as carcinogenic.

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

| Name of Substance | CAS No   | Classification | Number |
|-------------------|----------|----------------|--------|
| 2-butoxyethanol   | 111-76-2 | 3              |        |

#### Legend

3 Not classifiable as to carcinogenicity in humans

#### Reproductive Toxicity

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Shall not be classified as a reproductive toxicant.

### Specific Target Organ Toxicity - Single Exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific Target Organ Toxicity - Repeated Exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration Hazard

Shall not be classified as presenting an aspiration hazard.

## SECTION 12: Ecological Information

### 12.1 Toxicity

Toxic to aquatic life with long lasting effects.

### 12.2 Persistence and Degradability

No Data Available.

### 12.3 Bioaccumulative Potential

No Data Available.

### 12.4 Mobility in Soil

No Data Available.

### 12.5 Other Adverse Effects

No Data Available.

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment Methods

#### Sewage Disposal-Relevant Information

Do not empty into drains. Avoid release to the environment.

#### Waste Treatment of Containers/Packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport Information

### 14.1 UN Number, Proper Shipping Name, Class and Packing Group

NOT DOT REGULATED

### 14.2 Special precautions for user

There Is No Additional Information.

#### Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Not subject to transport regulations.

## SECTION 15: Regulatory Information

### 15.1 Safety, Health and Environmental Regulations Specific for the Product in Question

#### National Regulations (United States)

#### Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section

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302, 304)

none of the ingredients are listed

### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

#### Proposition 65 List of chemicals

| Name of Substance | Name acc. to inventory       | CAS No   | Type of the toxicity | Date listed |
|-------------------|------------------------------|----------|----------------------|-------------|
| Chloromethane     | methyl chloride              | 74-87-3  | developmental        | 03/09/2000  |
| Chloromethane     | methyl chloride              | 74-87-3  | male                 | 08/06/2009  |
| Ethane-1,2-diol   | ethylene glycol (ethanediol) | 107-21-1 | developmental        | 06/18/2015  |
| Methanol          | methanol                     | 67-56-1  | developmental        | 03/15/2012  |

### Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

| Name of Substance  | CAS No     | Functionality    | Authoritative Lists               |
|--|------------|------------------|-----------------------------------|
| Distillates (petroleum), hydrotreated middle               | 64742-46-7 | solvents         | EC Annex VI CMRs - Cat. 1B        |
| Quaternary ammonium compounds, dicocoyldimethyl, chlorides | 61789-77-3 | rinse aid/drying | CECBP - Priority Chemicals        |
| 2-butoxyethanol  | 111-76-2   | solvents         | ATSDR Neurotoxicants<br>OEHA RELS |
| 2-butoxyethanol  |            |                  | CA TACs                           |

- Toxic or Hazardous Substance List (MA-TURA)

| Name of Substance | CAS No | DEP CODE | PBT / HHS / LHS | PBT / HHS Threshold | De Minimis Concentration Threshold |
|-------------------|--------|----------|-----------------|---------------------|------------------------------------|
| 2-butoxyethanol   |        | 1022     |                 |                     | 1.0 %                              |

- Hazardous Substances List (MN-ERTK)

| Name of Substance | CAS No   | References | Remarks |
|-------------------|----------|------------|---------|
| Propane-1,2-diol  | 57-55-6  | I          |         |
| 2-butoxyethanol   | 111-76-2 | A, O       | skin    |

#### Legend

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- I American Industrial Hygiene Association (AIHA), "Workplace Environmental Exposure Level Guides" (1992), available from AIHA
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division
- skin If a potential for absorption from skin contact merits special consideration, the word "skin" follows the substance name.



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### - Hazardous Substance List (NJ-RTK)

| Name of Substance | CAS No   | Remarks | Classifications |
|-------------------|----------|---------|-----------------|
| Propane-1,2-diol  | 57-55-6  |         |                 |
| 2-butoxyethanol   | 111-76-2 |         | CA<br>F2        |
| 2-butoxyethanol   |          |         |                 |

#### Legend

CA Carcinogenic

F2 Flammable - Second Degree

### - Hazardous Substance List (Chapter 323) (PA-RTK)

| Name acc. to inventory | CAS No   | Classification |
|------------------------|----------|----------------|
| 1,2-PROPANEDIOL        | 57-55-6  |                |
| ETHANOL, 2-BUTOXY-     | 111-76-2 |                |
| GLYCOL ETHERS          |          | E              |

#### Legend

E Environmental hazard

### - Hazardous Substance List (RI-RTK)

| Name of Substance | CAS No   | References |
|-------------------|----------|------------|
| Propane-1,2-diol  | 57-55-6  | F          |
| 2-butoxyethanol   | 111-76-2 | T          |
| 2-butoxyethanol   | 111-76-2 | T          |

#### Legend

F Flammability (NFPA®)

T Toxicity (ACGIH®)

### Industry or Sector Specific Available Guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

| Category            | Rating |
|---------------------|--------|
| Chronic             | /      |
| Health              | 2      |
| Flammability        | 1      |
| Physical hazard     | 0      |
| Personal protection | -      |

#### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

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| Category       | Degree of hazard |
|----------------|------------------|
| Flammability   | 1                |
| Health         | 2                |
| Instability    | 0                |
| Special hazard |                  |

### National inventories

| Country | Inventory | Status                              |
|---------|-----------|-------------------------------------|
| US      | TSCA      | all ingredients are listed (ACTIVE) |

#### Legend

TSCA      Toxic Substance Control Act

### SECTION 16: Other Information, Including Date of Preparation or Last Revision

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

#### Classification Procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Disclaimer

This information is based on the present state of our knowledge and does not constitute an assurance of product properties nor establishes contract legal rights. All data about health and safety are only for information. They should therefore not be construed as specifications. This SDS has been compiled and is solely intended for this product.