

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

|   |   |
|---|---|
| <b>Product Information:</b>                           | 1000008451  |
| <b>Product Identifier:</b>                            | Claire Germicidal Cleaner Country Fresh Scent - EPA Reg No 706-65                         |
| <b>Recommended Use:</b>                               | Disinfectant  |
| <b>Manufacturer/Importer/Distributor Information:</b> | PLZ CORP<br>2651 WARRENVILLE RD, STE 300<br>DOWNERS GROVE, IL 60515<br>US<br>800-332-9000 |
| <b>Emergency Telephone:</b>                           | 866-836-8855  |

## 2. Hazard(s) identification

### Classification

Flammable Aerosol, category 1  
Eye Irritation, category 2A

### Label elements

#### HAZARD PICTOGRAMS



### SIGNAL WORD

Danger

### GHS HAZARD STATEMENTS

|      |                                |
|------|--------------------------------|
| H222 | Extremely flammable aerosol.   |
| H319 | Causes serious eye irritation. |

### GHS PRECAUTIONARY STATEMENTS

#### Prevention

|           |  |
|-----------|--|
| P210      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211      | Do not spray on an open flame or other ignition source.  |
| P251      | Do not pierce or burn, even after use.   |
| P264+P265 | Wash hands thoroughly after handling. Do not touch eyes.                                       |
| P280      | Wear eye protection and face protection  |

#### Response

|                |  |
|----------------|--|
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P317      | If eye irritation persists: Get medical help.  |

**Storage**

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

**Disposal**

None

**Other Information**

None

**3. Composition/Information on Ingredients****Mixtures**

| <u>Chemical Identity</u>   | <u>CAS Number</u> | <u>Content in Percent (%)*</u> |
|--|-------------------|--------------------------------|
| 2-Butoxyethanol  | 111-76-2          | 2.5-10                         |
| Butane   | 106-97-8          | 1.0-2.5                        |
| EDTA Tetrasodium Salt  | 64-02-8           | 1.0-2.5                        |
| Propane  | 74-98-6           | 0.1-1.0                        |
| Disodium Metasilicate  | 6834-92-0         | 0.1-1.0                        |
| Quaternary ammonium compounds, C12-14-alkyl [(ethylphenyl)methyl]dimethyl, chlorides | 85409-23-0        | 0.1-1.0                        |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** Other components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

**4. First-aid Measures**

**SKIN CONTACT:** Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

**EYE CONTACT:** Rinse immediately with plenty of water.

**INHALATION:** Move to fresh air.

**INGESTION:** Rinse mouth.

**IMPORTANT SYMPTOMS:** No data available

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:** Get medical attention if symptoms occur.

**5. Fire-fighting Measures**

**EXTINGUISHING MEDIA:** Use fire-extinguishing media appropriate for surrounding materials.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use water jet as an extinguisher, as this will spread the fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No data available

**SPECIAL FIREFIGHTING PROCEDURES:** No data available

**6. Accidental Release Measures**

**PERSONAL PRECAUTIONS :** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

## 7. Handling and Storage

**HANDLING:** Keep away from sources of ignition - No smoking. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

**SAFE HANDLING ADVICE:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

**STORAGE:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

**NFPA 30B:** Aerosol Level 1

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u>  | <u>TLV-TWA</u> | <u>TLV-STEL</u> | <u>PEL-TWA</u> | <u>PEL-CEILING</u> |
|---|----------------|-----------------|----------------|--------------------|
| 2-Butoxyethanol   | 20 ppm         | N.E.            | 50 ppm         | N.E.               |
| Butane  | N.E.           | 1000 ppm        | N.E.           | N.E.               |
| EDTA Tetrasodium Salt   | N.E.           | N.E.            | N.E.           | N.E.               |
| Propane   | N.E.           | N.E.            | 1000 ppm       | N.E.               |
| Disodium Metasilicate   | N.E.           | N.E.            | N.E.           | N.E.               |
| Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides | N.E.           | N.E.            | N.E.           | N.E.               |

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

**ENGINEERING CONTROLS:** No data available.

### Personal Protection

**EYE/FACE PROTECTION:** Wear goggles/face shield.

**SKIN PROTECTION:** No data available

**RESPIRATORY PROTECTION:** Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

**HYGIENIC PRACTICES:** When using do not smoke. Observe good industrial hygiene practices.

## 9. Physical and Chemical Properties

### Appearance:

|   |                     |
|---|---------------------|
| Physical State:                         | Liquid              |
| Form:                                   | Spray Aerosol       |
| Color:                                  | No data available   |
| Odor:                                   | No data available   |
| Odor Threshold:                         | No data available   |
| pH:                                     | No data available   |
| Freeze Point, °C:                       | No data available   |
| Boiling Point, °C:                      | 28                  |
| Flash Point, °C:                        | -104                |
| Flammability (solid, gas):              | No data available   |
| Evaporation Rate:                       | No data available   |
| Combustibility:                         | Supports Combustion |
| Explosive Limits, %:                    | 1.1 - 25.0          |
| Vapor Pressure @20°C, PSI:              | 50-70 PSI           |
| Vapor Density:                          | No data available   |
| Relative Density:                       | No data available   |
| Solubility in Water:                    | No data available   |
| Partition Coefficient, n-octanol/water: | No data available   |
| Auto-ignition Temperature, °C:          | No data available   |
| Decomposition temperature, °C:          | No data available   |
| Kinematic Viscosity:                    | No data available   |

## 10. Stability and Reactivity

**REACTIVITY:** No data available.

**STABILITY:** Material is stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available.

**CONDITIONS TO AVOID:** Avoid heat or contamination

**INCOMPATIBILITY:** No data available

**HAZARDOUS DECOMPOSITION PRODUCTS:** No data available.

## 11. Toxicological Information

### Information on Likely Routes of Exposure

**SKIN CONTACT EFFECTS:** May cause irritation on prolonged or repeated contact.

**EYE CONTACT EFFECTS:** May cause slight irritation with tearing.

**INHALATION EFFECTS:** Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

**INGESTION EFFECTS:** Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC, ACGIH, NTP or OSHA.

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

|                              |              |
|------------------------------|--------------|
| <b><u>ATE ORAL</u></b>       | 9,119 mg/kg  |
| <b><u>ATE DERMAL</u></b>     | 19,453 mg/kg |
| <b><u>ATE INHALATION</u></b> | 228 mg/kg    |

#### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

| <u>CAS-No.</u> | <u>Chemical Name</u>   | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|--|------------------|--------------------|-------------------|
| 111-76-2       | 2-Butoxyethanol  | 500 mg/kg        | 1100 mg/kg         | 11 mg/l           |
| 106-97-8       | Butane   | 5000 mg/kg       | 5000 mg/kg         | 658 mg/L Rat      |
| 64-02-8        | EDTA Tetrasodium Salt  | 1,780 mg/kg      | 5,000 mg/kg        | N.I.              |
| 74-98-6        | Propane  | 5,000 mg/kg      | 5,000 mg/kg        | 100 mg/l          |
| 6834-92-0      | Disodium Metasilicate  | 1153 mg/kg Rat   | 5,000 mg/kg        | N.I.              |
| 85409-23-0     | Quaternary ammonium compounds, C12-14-alkyl [(ethylphenyl)methyl]dimethyl, chlorides | 500 mg/kg        | 2300 mg/kg Rabbit  | N.I.              |

N.I. = No Information

#### Skin Corrosion & Irritation:

**Product:** No data available

#### Serious Eye Damage & Irritation:

**Product:** No data available

#### Components:

|                       |          |                                |
|-----------------------|----------|--------------------------------|
| EDTA Tetrasodium Salt | 64-02-8  | Causes serious eye irritation. |
| 2-Butoxyethanol       | 111-76-2 | Causes serious eye irritation. |

#### Respiratory or Skin Sensitization:

**Product:** No data available

#### STOT-Single Exposure:

**Product:** No data available

#### STOT-Repeated Exposure:

**Product:** No data available

#### Aspiration Hazard:

**Product:** No data available

#### Carcinogenicity:

**Product:** No data available

#### Reproductive Toxicity:

**Product:** No data available

#### Germ Cell Mutagenicity:

**Product:** No data available

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** No data available

**PERSISTENCE:** No data available

**BIOACCUMULATE:** No data available

**MOBILITY IN SOIL:** No data available

**OTHER ECOLOGICAL:** No data available

### 13. Disposal Information

**DISPOSAL INFORMATION:** Consult with your local, regional and federal agencies for information on proper disposal.

**CONTAMINATED PACKAGING :** Consult with your local, regional and federal agencies for information on proper disposal.

### 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No data available

#### DOT

|                              |                     |
|------------------------------|---------------------|
| <b>UN Number:</b>            | UN1950              |
| <b>Proper Shipping Name:</b> | AEROSOLS, FLAMMABLE |
| <b>Technical Name:</b>       | N/A                 |
| <b>Hazard Class(es)</b>      |                     |
| <b>Class:</b>                | 2.1                 |
| <b>Subsidiary Risk</b>       | N/A                 |
| <b>Packing Group:</b>        | N/A                 |

#### IATA

|                              |                     |
|------------------------------|---------------------|
| <b>UN Number:</b>            | UN1950              |
| <b>Proper Shipping Name:</b> | AEROSOLS, FLAMMABLE |
| <b>Technical Name:</b>       | N/A                 |
| <b>Hazard Class(es)</b>      |                     |
| <b>Class:</b>                | 2.1                 |
| <b>Subsidiary Risk:</b>      | N/A                 |
| <b>Packing Group:</b>        | N/A                 |

#### IMDG

|                              |                     |
|------------------------------|---------------------|
| <b>UN Number:</b>            | UN1950              |
| <b>Proper Shipping Name:</b> | AEROSOLS, FLAMMABLE |
| <b>Technical Name:</b>       | N/A                 |
| <b>Hazard Class(es)</b>      |                     |
| <b>Class:</b>                | 2.1                 |
| <b>Subsidiary Risk:</b>      | N/A                 |
| <b>Packing Group:</b>        | N/A                 |

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

### 15. Regulatory Information

#### CHEMICAL INVENTORY STATUS:

**TSCA** On or in compliance with the inventory

**DSL** All ingredients in this product are listed on the DSL or are exempt.

#### CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:

 **WARNING**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

**Chemical Name**

Ethylene Glycol

**CAS-No.**

107-21-1

**Further Information:**

FIFRA: This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

**16. Other Information**

**Revision Date:** 9/19/2022

**Datasheet produced by:** Regulatory Department

**Legend**

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.