

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

**Product Information:** 1000008356

**Product Identifier:** Claire Germicidal Cleaner EPA No 706-65

**Recommended Use:** Disinfectant

**Manufacturer/Importer/Distributor Information:** PLZ Corp.  
2651 WARRENVILLE RD, STE 300  
DOWNERS GROVE, IL 60515

800-332-9000

**Emergency Telephone:** 1-800-424-9300

## 2. Hazard(s) identification

### Classification

Aerosol, category 3  
Compressed Gas, Gasses Under Pressure  
Eye Irritation, category 2A

### Label elements

#### HAZARD PICTOGRAMS



### SIGNAL WORD

Warning

### GHS HAZARD STATEMENTS

H229 Pressurized container: may burst if heated  
H280 Contains gas under pressure; may explode if heated.  
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.  
P251 Do not pierce or burn, even after use.  
P264 Wash thoroughly after handling.  
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+P313 If eye irritation persists: Get medical advice/attention.

**Storage**

P410+P403

Protect from sunlight. Store in a well-ventilated place.

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	1-5
Butane	106-97-8	1-5
EDTA Tetrasodium Salt	64-02-8	1-5
Propane	74-98-6	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:** Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

**EYE CONTACT:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention. Flush eyes with plenty of water for 15 minutes, while holding the eyelids apart. Check victim for contact lenses and remove if present. Get medical attention if irritation persists.

**INHALATION:** Move to fresh air.

**INGESTION:** Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

**IMPORTANT SYMPTOMS:** May cause severe eye irritation.

**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:** Pressurized container may explode when exposed to heat or flame.

**SPECIAL FIREFIGHTING PROCEDURES:** No data available

### 6. Accidental Release Measures

**PERSONAL PRECAUTIONS :** No data available

**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:** Wear personal protective equipment.

**SAFE HANDLING ADVICE:** Observe good industrial hygiene practices.

**STORAGE:** No data available

**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.

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

**ENGINEERING CONTROLS:** Provide adequate ventilation.

### Personal Protection

**EYE/FACE PROTECTION:** Wear goggles/face shield. Chemical safety goggles should be worn where contact is possible.

**SKIN PROTECTION:** No data available

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

**HYGIENIC PRACTICES:** General industrial hygiene practice.

## 9. Physical and Chemical Properties

### Appearance:

Physical State:	Liquid
Form:	Spray Aerosol
Color:	Colorless
Odor:	Flowery
Odor Threshold:	No data available
pH:	11.80-12.80
Freeze Point, °C:	No data available
Boiling Point, °C:	28
Flash Point, °C:	Not applicable to aerosols
Flammability (solid, gas):	Non-flammable Aerosol
Evaporation Rate:	No data available
Combustibility:	Does not Support Combustion
Explosive Limits, %:	1.1 - 25.0
Vapor Pressure @20°C, PSI:	55-75
Relative Vapor Density:	Heavier than Air
Relative Density:	0.993
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:	< 14 mm <sup>2</sup> /s or cSt
Particle Characteristics:	
Size Range, microns (µm):	No data available
Percent under 10 microns:	No data available

## 10. Stability and Reactivity

**REACTIVITY:** Not reactive under normal conditions of use.

**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:** Contact may cause severe irritation with redness, tearing and pain.

**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.

The following Chemicals are listed on IARC Monographs on the Evaluation of Carcinogenic Risk to Humans:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC Listing</u>
5064-31-3	Trisodium Nitrilotriacetate	IARC Group 2B,

The following Chemicals are listed on the U.S. National Toxicology Program (NTP) Report on Carcinogens:

No known NTP Chemicals

The following Chemicals are listed on U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>OSHA Listing</u>
5064-31-3	Trisodium Nitrilotriacetate	Present

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

<u>ATE ORAL</u>	9,158 mg/kg
<u>ATE DERMAL</u>	19,527 mg/kg
<u>ATE INHALATION</u>	229 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

N.I. = No Information

#### Skin Corrosion & Irritation:

Product: No data available

#### Serious Eye Damage & Irritation:

Product: No data available

##### Components:

2-Butoxyethanol	111-76-2	Causes serious eye irritation.
EDTA Tetrasodium Salt	64-02-8	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, NON-FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.2
<b>Subsidiary Risk</b>	N/A
<b>Packing Group:</b>	N/A

### IATA

<b>UN Number:</b>	UN1950
<b>Proper Shipping Name:</b>	AEROSOLS, NON-FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.2
<b>Subsidiary Risk:</b>	N/A
<b>Packing Group:</b>	N/A

### IMDG

<b>UN Number:</b>	UN1950
<b>Proper Shipping Name:</b>	AEROSOLS, NON-FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.2
<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

### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.	Wt %
2-Butoxyethanol	111-76-2	4.81

### CHEMICAL INVENTORY STATUS:

TSCA	On or in compliance with the inventory
DSL	This product contains ingredients listed on the NDSL.

### The following components are listed on the Non-Domestic Substance List (NDSL)

Description	CAS	Percentage
Oxacyclohexadecen-2-on	111879-80-2	0.002 %

### CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:

No Proposition 65 chemicals present or warning required.

**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: 12/16/2024  
 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 being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where the product use and frequency of exposure exceeds that established for the labeled consumer use.

**Further Information**

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's and seller's control. Purchaser and user are responsible for determining the suitability of the product for a particular purpose, adopting precautions for the protection of property and persons, and compliance with all Federal, State, Provincial, and Local laws.



