

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

**Product Information:** 1000007495

**Product Identifier:** Orange Citrus Crazy Clean

**Recommended Use:** Cleaner

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

800-332-9000

**Emergency Telephone:** 866-836-8855

## 2. Hazard(s) identification

### Classification

Compressed Gas  
Skin Sensitizer, category 1  
Eye Irritation, category 2A

### Label elements

#### HAZARD PICTOGRAMS



#### SIGNAL WORD

Warning

#### GHS HAZARD STATEMENTS

H280 Contains gas under pressure; may explode if heated.  
H317 May cause an allergic skin reaction.  
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.  
P261 Avoid breathing dust, fumes, gas, mist, vapours, or spray.  
P264 Wash thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves, eye protection, and face protection

##### Response

P302+P352 IF ON SKIN: Wash with plenty of soap and 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.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

**Storage**

P410+P403 Protect from sunlight. Store in a well-ventilated place.

P412 Do not expose to temperatures exceeding 50°C/ 122°F.

**Disposal**

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other Information**  
None

### 3. Composition/Information on Ingredients

**Mixtures**

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content In Percent (%)*</u>
d-Limonene	5989-27-5	2.5-10
Propane	74-98-6	1.0-2.5
Butane	106-97-8	1.0-2.5
Alcohols C9-11 Ethoxylated	68439-46-3	1.0-2.5

*\* 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. Wash contact area thoroughly with soap and water. Get medical attention if irritation or rash develops or persists. Remove contaminated clothing. Launder clothing before re-use.

**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. May cause allergic skin reaction (sensitization.)

**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>
d-Limonene	N.E.	N.E.	N.E.	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.
Butane	N.E.	1000 ppm	N.E.	N.E.
Alcohols C9-11 Ethoxylated	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:** Provide adequate ventilation.

**Personal Protection**

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

**SKIN PROTECTION:** Wear impervious gloves to prevent skin contact.

**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:

<b>Physical State:</b>	Liquid
<b>Form:</b>	Hazy
<b>Color:</b>	White
<b>Odor:</b>	Citrus
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	10.1 - 11.1
<b>Freeze Point, °C:</b>	No data available
<b>Boiling Point, °C:</b>	141
<b>Flash Point, °C:</b>	-104
<b>Flammability (solid, gas):</b>	No data available
<b>Evaporation Rate:</b>	No data available
<b>Combustibility:</b>	Supports Combustion
<b>Explosive Limits, %:</b>	0.7 - 9.5
<b>Vapor Pressure @20°C, PSI:</b>	67 - 87
<b>Vapor Density:</b>	No data available
<b>Relative Density:</b>	0.977
<b>Solubility in Water:</b>	No data available
<b>Partition Coefficient, n-octanol/water:</b>	No data available
<b>Auto-ignition Temperature, °C:</b>	No data available
<b>Decomposition temperature, °C:</b>	No data available
<b>Kinematic Viscosity:</b>	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 an allergic skin reaction (sensitization) with itching, redness and hives.

**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.

**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.

- ATE ORAL** 24,606 mg/kg
- ATE DERMAL** 46,922 mg/kg
- ATE INHALATION** Not classified for acute toxicity based on available data.

**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>
5989-27-5	d-Limonene	5000 mg/kg	5000 mg/kg	100 mg/l
74-98-6	Propane	5,000 mg/kg	5,000 mg/kg	100 mg/l
106-97-8	Butane	5000 mg/kg	5000 mg/kg	658 mg/L Rat
68439-46-3	Alcohols C9-11 Ethoxylated	500 mg/kg	2,216 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:**

Alcohols C9-11 Ethoxylated 68439-46-3 Causes serious eye irritation.

**Respiratory or Skin Sensitization:**

**Product:** No data available

**Components:**

d-Limonene 5989-27-5 May cause an allergic skin reaction.

**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**

**CHEMICAL INVENTORY STATUS:**

<b>TSCA</b>	On or in compliance with the inventory
<b>DSL</b>	All ingredients in this product are listed on the DSL or are exempt.

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

No Proposition 65 chemicals present or warning required.

## 16. Other Information

**Revision Date:** 10/4/2023  
**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.

Revision Date: 10/4/2023