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: 1-800-424-9300

Restrictions on Use:
None

2. Hazard(s) identification

Classification
Aerosol, category 3
Skin Sensitizer, category 1
Eye Irritation, category 2A

Label elements

HAZARD PICTOGRAMS



SIGNAL WORD
Warning

GHS HAZARD STATEMENTS

H229	Pressurized container: may burst 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+P412	Protect from sunlight. 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

Chemical Identity	CAS Number	Content in Percent (%)*
d-Limonene	5989-27-5	1-5
Propane	74-98-6	1-5
Butane	106-97-8	1-5
Alcohols C9-11 Ethoxylated	68439-46-3	0.5-1.5

** 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

Chemical Name	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING
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:	
Physical State:	Liquid
Form:	Hazy
Color:	White
Odor:	Citrus
Odor Threshold:	No data available
pH:	10.1 - 11.1
Freeze Point, °C:	No data available
Boiling Point, °C:	141
Flash Point, °C:	Not applicable to aerosols
Flammability (solid, gas):	Non-flammable Aerosol
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	0.7 - 9.5
Vapor Pressure @20°C, PSI:	67 - 87
Relative Vapor Density:	Heavier than Air
Relative Density:	0.977
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 mm2/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 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.

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

CAS-No.	Chemical Name	IARC Listing
123-91-1	1,4-Dioxane	IARC Group 2B,

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

CAS-No.	Chemical Name	NTP Listing
123-91-1	1,4-Dioxane	NTP Reasonably Anticipated to be Human Carcinogen

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

CAS-No.	Chemical Name	OSHA Listing
123-91-1	1,4-Dioxane	Present

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

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
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

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

IATA

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

IMDG

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

No Sara 313 components exist in this product.

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:

No Proposition 65 chemicals present or warning required.

16. Other Information

Revision Date:	4/18/2025
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.