

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

**Product Information:** 1000003938

**Product Identifier:** CLAIRE SPICY CINNAMON METERED AIR FRESHENER

**Recommended Use:** Air Freshener

**Manufacturer/Importer/Distributor Information:** PLZ CORP  
2651 WARRENVILLE RD, STE 300  
DOWNERS GROVE, IL 60515  
US  
800-332-9000

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

## 2. Hazard(s) identification

### Classification

Flammable Aerosol, category 1  
Skin Sensitizer, category 1  
Eye Irritation, category 2A  
STOT, single exposure, category 3, NE

### Label elements

#### HAZARD PICTOGRAMS



### SIGNAL WORD

Danger

### GHS HAZARD STATEMENTS

H222 Extremely flammable aerosol.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

### 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.  
P261 Avoid breathing dust, fumes, gas, mist, vapours, or spray.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.

P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves, eye protection, and face protection
<b>Response</b>	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340+P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
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.
<b>Storage</b>	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
<b>Disposal</b>	
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>
Acetone	67-64-1	50-75
Propane	74-98-6	10-25
Butane	106-97-8	10-25
Cinnamaldehyde	104-55-2	1.0-2.5
Benzyl benzoate	120-51-4	1.0-2.5
Oils, cinnamon	8015-91-6	0.1-1.0
Isoeugenol	97-54-1	0.1-1.0
Coumarin	91-64-5	0.1-1.0
Eugenol	97-53-0	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. 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:** Rinse immediately with plenty of water. 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. Remove victim to fresh air. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention if you feel unwell.

**INGESTION:** Rinse mouth.

**IMPORTANT SYMPTOMS:** Inhalation may cause drowsiness or dizziness. 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:** Extremely flammable aerosol. Contents under pressure. Keep away from ignition sources and open flames. Prolonged exposure to temperatures above 120°F may cause cans to burst. Vapors may travel considerable distance to a source of ignition and flash back. Combustion may produce carbon dioxide and carbon monoxide.

**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:** Leaking cans should be placed in a plastic bag or open pail away from ignition sources until the pressure has dissipated. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

**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 3

## 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>
Acetone	250 ppm	500 ppm	1000 ppm	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.
Butane	N.E.	1000 ppm	N.E.	N.E.
Cinnamaldehyde	N.E.	N.E.	N.E.	N.E.
Benzyl benzoate	N.E.	N.E.	N.E.	N.E.
Oils, cinnamon	N.E.	N.E.	N.E.	N.E.
Isoeugenol	N.E.	N.E.	N.E.	N.E.
Coumarin	N.E.	N.E.	N.E.	N.E.
Eugenol	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. 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:** When using do not smoke. Observe good industrial hygiene practices.

## **9. Physical and Chemical Properties**

#### **Appearance:**

Physical State:	Liquid
Form:	Spray Aerosol
Color:	Colorless
Odor:	Characteristic
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	57
Flash Point, °C:	-104
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	1.9 - 12.8
Vapor Pressure @20°C, PSI:	45-65
Vapor Density:	No data available
Relative Density:	0.739
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:** Not reactive under normal conditions of use.

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

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

**CONDITIONS TO AVOID:** Keep away from heat, sparks, flames, and other sources of ignition. Do not puncture or incinerate containers. Dropping containers may cause bursting.

**INCOMPATIBILITY:** No data available

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may produce carbon dioxide and carbon monoxide.

## 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:** May cause central nervous system effects with drowsiness and dizziness.

**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.

<u>ATE ORAL</u>	11,038 mg/kg
<u>ATE DERMAL</u>	14,372 mg/kg
<u>ATE INHALATION</u>	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>
67-64-1	Acetone	5,800 mg/kg	7,426 mg/kg	50.1 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
104-55-2	Cinnamaldehyde	2,220 mg/kg	1,260 mg/kg	100 mg/l
120-51-4	Benzyl benzoate	500 mg/kg	5,000 mg/kg	100 mg/l
8015-91-6	Oils, cinnamon	5,000 mg/kg	500 mg/kg	100 mg/l
97-54-1	Isoeugenol	500 mg/kg	1,100 mg/kg	100 mg/l
91-64-5	Coumarin	520 mg/kg	5,000 mg/kg	100 mg/l
97-53-0	Eugenol	5000 mg/kg	5000 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:

Acetone	67-64-1	Causes serious eye irritation.
Cinnamaldehyde	104-55-2	Causes serious eye irritation.

**Respiratory or Skin Sensitization:**

<b>Product:</b>		No data available
<b>Components:</b>		
Cinnamaldehyde	104-55-2	May cause an allergic skin reaction.
Oils, cinnamon	8015-91-6	May cause an allergic skin reaction.
Coumarin	91-64-5	May cause an allergic skin reaction.
Isoeugenol	97-54-1	May cause an allergic skin reaction.
Eugenol	97-53-0	May cause an allergic skin reaction.

**STOT-Single Exposure:**

<b>Product:</b>		No data available
<b>Components:</b>		
Acetone	67-64-1	May cause drowsiness or dizziness.

**STOT-Repeated Exposure:**

<b>Product:</b>	No data available
-----------------	-------------------

**Aspiration Hazard:**

<b>Product:</b>	No data available
-----------------	-------------------

**Carcinogenicity:**

<b>Product:</b>	No data available
-----------------	-------------------

**Reproductive Toxicity:**

<b>Product:</b>	No data available
-----------------	-------------------

**Germ Cell Mutagenicity:**

<b>Product:</b>	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

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

## IMDG

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
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

### 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:	6/16/2023
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.