

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

<b>Product Information:</b>	1000003943
<b>Product Identifier:</b>	CLAIRE RAIN FOREST METERED AIR FRESHENER
<b>Recommended Use:</b>	Air Freshener
<b>Manufacturer/Importer/Distributor Information:</b>	PLZ CORP 2651 WARRENVILLE RD, STE 300 DOWNERS GROVE, IL 60515 US 800-332-9000
<b>Emergency Telephone:</b>	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+P265	Wash hands thoroughly after handling. Do not touch eyes.
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  
**Response**  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P319 Get medical help if you feel unwell.  
 P333+P317 If skin irritation or rash occurs: Get medical help.  
 P337+P317 If eye irritation persists: Get medical help.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
**Storage**  
 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.  
**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 (%)*
Acetone	67-64-1	50-75
Propane	74-98-6	10-25
Butane	106-97-8	10-25
Linalool	78-70-6	0.1-1.0
4-tert-butylcyclohexyl Acetate	32210-23-4	0.1-1.0
Allyl Heptanoate	142-19-8	0.1-1.0
Citronellol	106-22-9	0.1-1.0
Coumarin	91-64-5	0.1-1.0
Hexyl Salicylate	6259-76-3	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 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.
Linalool	N.E.	N.E.	N.E.	N.E.
4-tert-butylcyclohexyl Acetate	N.E.	N.E.	N.E.	N.E.
Allyl Heptanoate	N.E.	N.E.	N.E.	N.E.
Hexyl Salicylate	N.E.	N.E.	N.E.	N.E.
Coumarin	N.E.	N.E.	N.E.	N.E.
Citronellol	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:	Colorless
Odor:	Flowery
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	56
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:	0.793
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>	19,914 mg/kg
<b><u>ATE DERMAL</u></b>	19,914 mg/kg
<b><u>ATE INHALATION</u></b>	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
78-70-6	Linalool	>5000 mg/kg	5,610 mg/kg	100 mg/l
32210-23-4	4-tert-butylcyclohexyl Acetate	5000 mg/kg Rat	>5000 mg/kg Rabbit	100 mg/l
142-19-8	Allyl Heptanoate	218 mg/kg	810 mg/kg	100 mg/l
91-64-5	Coumarin	520 mg/kg	5,000 mg/kg	100 mg/l
6259-76-3	Hexyl Salicylate	5000 mg/kg Rat	>5000 mg/kg Rabbit	100 mg/l
106-22-9	Citronellol	3450 mg/kg Rat	2650 mg/kg Rabbit	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.

#### Respiratory or Skin Sensitization:

**Product:** No data available

##### Components:

Linalool 78-70-6 May cause an allergic skin reaction.  
 4-tert-butylcyclohexyl Acetate 32210-23-4 May cause an allergic skin reaction.  
 Citronellol 106-22-9 May cause an allergic skin reaction.  
 Hexyl Salicylate 6259-76-3 May cause an allergic skin reaction.  
 Coumarin 91-64-5 May cause an allergic skin reaction.

#### STOT-Single Exposure:

**Product:** No data available

##### Components:

Acetone 67-64-1 May cause drowsiness or dizziness.

#### 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:

No Proposition 65 chemicals present or warning required.

## 16. Other Information

Revision Date:	12/1/2022
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.

