



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** 105-001P  
**Product name** Tropic Breeze Metered Air Freshener  
**Effective date** 22-Jun-2010  
**Company information** Claire Manufacturing Co.  
500 Vista Ave.  
Addison, IL 60101 United States  
**Company phone** General Assistance 630-543-7600  
**Emergency telephone US** 800-424-9300  
**Emergency telephone outside US** 703-527-3887  
**Version #** 03  
**Supersedes date** 18-May-2010

## 2. Hazards Identification

**Emergency overview** Flammable. Aerosol. CONTENTS UNDER PRESSURE.  
Will be easily ignited by heat, spark or flames. Harmful in contact with eyes.

**Potential health effects**

**Eyes** Contact may irritate or burn eyes. Health injuries are not known or expected under normal use.

**Skin** Health injuries are not known or expected under normal use.

**Inhalation** Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

**Ingestion** Exposure by ingestion of an aerosol is unlikely.

**Target organs** Central nervous system.

**Chronic effects** May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage.

**Signs and symptoms** Narcosis.

## 3. Composition / Information on Ingredients

| Components                                                 | CAS #    | Percent  |
|------------------------------------------------------------|----------|----------|
| Acetone                                                    | 67-64-1  | 60 - 70  |
| Propane                                                    | 74-98-6  | 10 - 15  |
| n-Butane                                                   | 106-97-8 | 10 - 15  |
| Non-hazardous and other components below reportable levels |          | 2.5 - 10 |

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

**Skin contact** Immediately take off all contaminated clothing. Wash off with soap and water. Get medical attention if irritation develops or persists.

**Inhalation** If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

**Ingestion** If ingestion of a large amount does occur, seek medical attention.

## 5. Fire Fighting Measures

**Flammable properties** Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

**Extinguishing media**

**Suitable extinguishing media** Water fog. Foam. Alcohol foam. Dry chemical. Carbon dioxide (CO2).

**Protection of firefighters****Protective equipment and precautions for firefighters**

In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up.

**6. Accidental Release Measures****Methods for containment**

Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk.

**Methods for cleaning up**

Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**7. Handling and Storage****Handling**

Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not re-use empty containers. Avoid prolonged exposure.

**Storage**

Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Do not handle or store near an open flame, heat or other sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Keep in an area equipped with sprinklers. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Level 3 Aerosol.

**8. Exposure Controls / Personal Protection****Exposure limits****ACGIH****Components****CAS #****TWA****STEL****Ceiling**

Acetone

67-64-1

500 ppm

750 ppm

Not established

Propane

74-98-6

1000 ppm

Not established

Not established

n-Butane

106-97-8

1000 ppm

Not established

Not established

**OSHA****Components****CAS #****TWA****STEL****Ceiling**

Acetone

67-64-1

1000 ppm

Not established

Not established

Propane

74-98-6

1000 ppm

Not established

Not established

**Personal protective equipment****Eye / face protection**

Do not get in eyes. Wear safety glasses with side shields (or goggles).

**Skin protection**

Not normally needed.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

**9. Physical & Chemical Properties****Appearance**

Compressed liquefied gas.

**Boiling point**

82.4 °F (27.8 °C) estimated

**Color**

Clear.

**Flammability (HOC)**

32.5576 kJ/g estimated

**Flash back**

No

**Flash point**

-156 °F (-104.4 °C) Propellant

**Form**

Aerosol.

**Odor**

fruity

**pH**

Not applicable

**Physical state**

Liquid.

**Pressure**

65 - 75 psig @ 70F

Solubility Partially  
Specific gravity 0.7115 estimated

## 10. Chemical Stability & Reactivity Information

Chemical stability Stable at normal conditions. Risk of ignition.  
Conditions to avoid Heat, flames and sparks.  
Incompatible materials Strong oxidizing agents.  
Hazardous decomposition products May include oxides of carbon.

## 11. Toxicological Information

Acute effects Acute LD50: 28711 mg/kg estimated, Rat, Dermal  
Acute LC50: 105 mg/l/4h estimated, Rat, Inhalation

### Component analysis - LD50

#### Toxicology Data - Selected LD50s and LC50s

|          |          |                                  |
|----------|----------|----------------------------------|
| Acetone  | 67-64-1  | Oral LD50 Rat 5800 mg/kg         |
| n-Butane | 106-97-8 | Inhalation LC50 Rat 658 mg/L 4 h |
| Propane  | 74-98-6  | Inhalation LC50 Rat 658 mg/L 4 h |

Sensitization Not expected to be hazardous by OSHA criteria.  
Teratogenicity Not expected to be hazardous by OSHA criteria.

## 12. Ecological Information

Ecotoxicity LC50 7930 mg/L, Fish, 96.00 Hours,  
EC50 19316 mg/L, Daphnia, 48.00 Hours,  
Components of this product have been identified as having potential environmental concerns.

## 13. Disposal Considerations

Waste codes D001: Waste Flammable material with a flash point <140 F  
Disposal instructions Contents under pressure. Dispose of this material and its container to hazardous or special waste collection point. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

## 14. Transport Information

### Department of Transportation (DOT) Requirements

#### Basic shipping requirements:

Proper shipping name Consumer commodity  
Hazard class ORM-D  
Subsidiary hazard class None

#### Additional information:

Packaging exceptions 156, 306  
Packaging non bulk 156, 306  
Packaging bulk None

### IMDG

#### Basic shipping requirements:

Proper shipping name AEROSOLS  
Hazard class 2.1  
UN number 1950

#### Additional information:

Packaging exceptions LTD QTY  
Item 5F  
Labels required None  
Transport Category 2



**IATA****Basic shipping requirements:**

**Proper shipping name** Aerosols, flammable  
**Hazard class** 2.1  
**UN number** 1950  
**Additional information:**  
**Packaging exceptions** LTD QTY  
**Labels required** 2.1

**15. Regulatory Information**

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical** Yes

**CERCLA (Superfund) reportable quantity**

Acetone: 5000.0000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

**Hazard categories (311/312)** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - Yes  
Pressure Hazard - Yes  
Reactivity Hazard - No

**Inventory status**

| Country(s) or region        | Inventory name                                             | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------|------------------------|
| China                       | Inventory of Existing Chemical Substances in China (IECSC) | No                     |
| Europe                      | European Inventory of New and Existing Chemicals (EINECS)  | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)     | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)   | No                     |
| Korea                       | Existing Chemicals List (ECL)                              | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory              | Yes                    |

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**State regulations****U.S. - Pennsylvania - RTK (Right to Know) List**

|          |          |                      |
|----------|----------|----------------------|
| Acetone  | 67-64-1  | Environmental hazard |
| n-Butane | 106-97-8 | Present              |
| Propane  | 74-98-6  | Present              |

**16. Other Information****Further information**

HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings**

Health: 1  
Flammability: 4  
Physical hazard: 0

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information in the sheet was written based on the best knowledge and experience currently available.

**MSDS sections updated**

Product and Company Identification: Product and Company Identification

**Prepared by**

Regulatory Compliance

## Remindair Curve

## Material Safety Data Sheet

### Section 1 Chemical Product & Company Information

Emergency Contact: (Spill/Release) (800) 424-9300  
Information Number: (419) 531-9741  
Manufactured By:  
Fresh Products  
4010 South Avenue  
Toledo, OH 43615  
Product Name: **Remindair Curve**  
Product Numbers: RC60xx  
Fragrances: Citrus, Cotton Blossom, Cucumber Melon, Herbal Mint,  
Mango, Spiced Apple,

### Section 2 Composition/Information on Ingredients

Fragrance CAS# N/A

### Section 3 Hazards Identifications

HMIS Codes:  
Health: 1 Flammability: 1 Reactivity: 0  
Flash Point: >200F  
Flammability Limits: Not Established  
LEL: Not Established UEL: Not Established

### Section 4 First Aid Measures

Emergency and First Aid Procedures:  
Eyes: Flush eyes with water.  
Skin: Wash affected area with soap and water

### Section 5 Fire Fighting Measures

Extinguishing Media: Water spray, carbon dioxide, dry chemical  
Special Fire Fighting Procedures: Full protective equipment,  
including pressure demand self-contained breathing apparatus  
and turnout equipment should be worn by fire fighters and  
others exposed to combustion by products.  
Unusual Fire & Explosion Hazards: None known

### Section 6 Accidental Release Measures

Steps to be taken in case of material release or spill: Remove sources of  
ignition and provide ventilation. Pick up screens and return to  
storage.

### Section 7 Handling and Storage

Precautions to be taken in handling and storing: Store away from sources of  
ignition and provide ventilation.  
Other Precautions: Always practice good housekeeping and hygienic  
measures.

### Section 8 Exposure Controls/Personal Protection

Ventilation: Local Exhaust: Use in well ventilated area.  
Special: Not Applicable  
Mechanical: Not Applicable  
Other: Not Applicable  
Protective Gloves: None when used as directed  
Eye Protection: None  
Other Protective Clothing or Equipment: None  
Work/Hygienic Practices: Always practice good housekeeping.

### Section 9 Physical and Chemical Properties

Boiling Point: Not Determined  
Vapor Pressure: Not Determined  
Vapor Density (Air=1): >1  
Specific Gravity (Water=1): ~0.995  
Melting Point: Not Determined  
Evaporations Rate: (Butyl Acetate = 1) <1  
Solubility in water: Insoluble  
Appearance: Fragranced, colored translucent polymer part to hang on  
suction cup

### Section 10 Stability and Reactivity

Stability: Stable  
Conditions to Avoid: None  
Incompatible Materials: Strong oxidizing agents.  
Hazardous Decomposition Products: Oxides of carbon when burned.  
Hazardous Polymerization: N/A Conditions to Avoid: N/A

### Section 11 Toxicological Information

Routes of Entry: Based on fragrance  
Inhalation: Yes Skin: Yes Eyes: No Ingestion: Unlikely  
Health hazards (acute & chronic): Toxicity is expected to be low.  
Eyes: May cause irritation  
Skin: May cause irritation  
Signs & Symptoms of Exposure:  
Eyes and Skin: Irritation, redness  
Medical conditions generally aggravated by exposure: None known

### Section 12 Ecological Information

Not Established

### Section 13 Disposal Considerations

Waste Disposal Method: Dispose only in accordance with  
applicable federal, state and local laws and regulations.

### Section 14 Transport Information

DOT Classifications: Non Hazardous

### Section 15 Regulatory Information

None Required

### Section 16 Other Information

None Required  
December 5, 2011