



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** 575-006  
**Product name** **Clean Breeze Odor Eliminator**  
**Effective date** 18-May-2012  
**Company information** Claire Manufacturing Co.  
1005 S. Westgate Drive  
Addison, IL 60101 United States  
**Company phone** General Assistance 1-630-543-7600  
**Emergency telephone US** 1-866-836-8855  
**Emergency telephone outside US** 1-952-852-4646  
**Version #** 14  
**Supersedes date** 23-Mar-2012  
**Product use** Air freshener

## 2. Hazards Identification

**Emergency overview** Aerosol. CONTENTS UNDER PRESSURE.  
Prolonged exposure may cause chronic effects.

**Potential health effects**

**Routes of exposure** Skin contact. Ingestion.

**Eyes** Health injuries are not known or expected under normal use. Contact with liquid or mist will irritate the eyes.

**Skin** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

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

**Ingestion** Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into the body by ingestion.

**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. Defatting of the skin. Skin irritation.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	10 - 15
Propane	74-98-6	10 - 15
n-Butane	106-97-8	3 - 5
Non-hazardous and other components below reportable levels		60 - 80

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Skin contact** Wash off with warm water and soap. Get medical attention if irritation develops and persists.

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

**Ingestion** Call a physician immediately.

**Notes to physician** Symptoms may be delayed.

## 5. Fire Fighting Measures

<b>Flammable properties</b>	Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water fog. Dry chemical. Carbon dioxide (CO2).
<b>Protection of firefighters</b>	
<b>Protective equipment and precautions for firefighters</b>	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

<b>Methods for containment</b>	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.
<b>Methods for cleaning up</b>	Should not be released into the environment. 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

<b>Handling</b>	Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Do not use if spray button is missing or defective. Do not re-use empty containers. Avoid prolonged exposure.
<b>Storage</b>	Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat and flame. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Avoid exposure to long periods of sunlight. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Level 1 Aerosol (NFPA 30B)

## 8. Exposure Controls / Personal Protection

### Exposure limits

#### ACGIH

Components	CAS #	TWA	STEL	Ceiling
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
Propane	74-98-6	1000 ppm	Not established	Not established

### Personal protective equipment

<b>Eye / face protection</b>	Not normally needed.
<b>Skin protection</b>	Not normally needed.
<b>Respiratory protection</b>	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

<b>Appearance</b>	Compressed liquefied gas.
<b>Boiling point</b>	197.6 °F (92.2 °C) estimated
<b>Color</b>	White.
<b>Density</b>	0.8541 g/cm3 estimated
<b>Flammability (HOC)</b>	13.1017 kJ/g estimated
<b>Flash back</b>	No
<b>Flash point</b>	-156 °F (-104.4 °C) Propellant
<b>Form</b>	Aerosol.

Freezing point	Not available
Odor	Characteristic.
pH	9.5 - 10.5
Physical state	Liquid.
Pressure	90 - 100 psig @ 70F
Solubility	Partially
Specific gravity	0.8542 estimated

## 10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions. Risk of ignition.
Conditions to avoid	Heat, flames and sparks.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological Information

**Acute effects** Acute LD50: 15687 mg/kg estimated, Rat, Dermal

### Component analysis - LD50

#### Toxicology Data - Selected LD50s and LC50s

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
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	Inhalation LC50 Rat >5.2 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

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

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

## 12. Ecological Information

**Ecotoxicity** LC50 326 mg/L estimated, Fish, 96.00 Hours,  
Contains a substance which causes risk of hazardous effects to the environment.

## 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. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001.

## 14. Transport Information

### Department of Transportation (DOT) Requirements

#### Basic shipping requirements:

Proper shipping name	Aerosols
Hazard class	2.1
UN number	UN1950

#### Additional information:

Special provisions	153, N82
Packaging exceptions	LTD QTY
Packaging non bulk	None
Packaging bulk	None

### Further information

Until 12/31/2013, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/13 and may be used now in place of the "Consumer Commodity ORM-D" marking but not concurrently.



**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



<b>15. Regulatory Information</b>
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**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**

None

**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**

n-Butane	106-97-8	Present
Propane	74-98-6	Present
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	Present

<b>16. Other Information</b>
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**Further information**

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

**HMIS® ratings**

Health: 1  
Flammability: 2  
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**

Transport Information: Product Shipping Name/Packing Group

**Prepared by**

Regulatory Compliance