



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** 102-000P  
**Product name** Garden Sage 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 #** 02  
**Supersedes date** 11-May-2010

## 2. Hazards Identification

**Emergency overview** Flammable. Aerosol. CONTENTS UNDER PRESSURE.  
Harmful in contact with eyes. Prolonged exposure may cause chronic effects.

**Potential health effects**

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

**Eyes** Contact may irritate or burn eyes. Eye contact may result in corneal injury.

**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. Components of the product may be absorbed into the body by ingestion.

**Target organs** Central nervous system. Lungs.

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

**Signs and symptoms** Discomfort in the chest. Corneal damage. Narcosis. Coughing. Conjunctivitis.

## 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** Flush eyes immediately with large amounts of water. 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 inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air. Get medical attention if symptoms persist.

**Ingestion** In the unlikely event of swallowing contact a physician or poison control center.

## 5. Fire Fighting Measures

**Flammable properties** Runoff to sewer may cause fire or explosion hazard.

## 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 contact with skin. Avoid prolonged exposure.

### Storage

Contents under pressure. 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 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
67-64-1	500 ppm	750 ppm	Not established
74-98-6	1000 ppm	Not established	Not established
106-97-8	1000 ppm	Not established	Not established

#### OSHA

##### Components

CAS #	TWA	STEL	Ceiling
67-64-1	1000 ppm	Not established	Not established
74-98-6	1000 ppm	Not established	Not established

### Personal protective equipment

#### Eye / face protection

Do not get in eyes. Chemical goggles are recommended.

#### Skin protection

Wear appropriate chemical resistant clothing.

#### 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

Not established.

### Flammability (HOC)

32.5519 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

45 - 65 psig @ 70f

### Solubility

Partially

Specific gravity 0.7125 estimated

## 10. Chemical Stability & Reactivity Information

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

## 11. Toxicological Information

### 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

## 12. Ecological Information

**Ecotoxicity** 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. 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:

<b>Proper shipping name</b>	Consumer commodity
<b>Hazard class</b>	ORM-D
<b>Subsidiary hazard class</b>	None
<b>Additional information:</b>	
<b>Packaging exceptions</b>	156, 306
<b>Packaging non bulk</b>	156, 306
<b>Packaging bulk</b>	None

### IMDG

#### Basic shipping requirements:

<b>Proper shipping name</b>	AEROSOLS
<b>Hazard class</b>	2.1
<b>UN number</b>	1950
<b>Additional information:</b>	
<b>Packaging exceptions</b>	LTD QTY
<b>Labels required</b>	None



### IATA

#### Basic shipping requirements:

<b>Proper shipping name</b>	Aerosols, flammable
<b>Hazard class</b>	2.1
<b>UN number</b>	1950
<b>Additional information:</b>	
<b>Packaging exceptions</b>	LTD QTY
<b>Labels required</b>	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)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
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