

MATERIAL SAFETY DATA SHEET

Section I – Product & Company Identification

Product Name	CBI CITRUS BLAST METERED AIR FRESHENER
Effective Date	June 3, 2010
Company Information	Cheney Brothers, Inc. One Cheney Way Riviera Beach, FL 33404
Company Phone	561-845-4700
Emergency Assistance:	800-424-9300
International	202-483-7616

Section II –Hazardous Ingredients

Emergency Overview	CONTENTS UNDER PRESSURE Aerosol. Pressurized container may explode when exposed to heat or flame. Harmful if in contact with eyes. Prolonged exposure may cause chronic effects.
OSHA Regulatory Status	
Potential Health Effects	This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).
Eyes	Contact may irritate or burn eyes.
Inhalation	Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
Ingestion	Exposure by ingestion of an aerosol is unlikely. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause delayed lung damage.
Target Organs	Central nervous system. Respiratory system.
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..
Signs and symptoms	Corneal damage. Narcosis. Conjunctivitis.

Section III –Composition/Information on Ingredients

Components	CAS	Percent
Acetone	67-64-1	70-80
Propane	74-98-6	10-15
n-Butane	106-97-8	10-15
Non-hazardous and other components below reportable levels		2.5 - 10

Section IV – 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. Get medical attention immediately.
Skin Contact	Immediately take off all contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops or persists.
Inhalation	Call a physician if symptoms develop or persist.
Ingestion	Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. If ingestion of a large amount does occur, seek medical attention.
Note to Physician	Symptoms may be delayed.
General Advise	If you feel unwell, seek medical advice (show the label where possible).

Section V– Fire And Explosion Data

Flammable Properties	Containers may explode when heated. Vapor or gas may spread to distant ignition sources and flash back.
Extinguishing Media	
Suitable Extinguishing Media	Water fog. Foam. Dry chemical. Carbon dioxide (CO2).
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.
Protection of Fire Fighters	
Protective Equipment and	In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing,

Precautions for Fire Fighters including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

Section VI – Accidental Release Measures

Personal Precautions Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away.

Methods for Containment Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable

Methods for Cleaning Up Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

Section VII – Handling And Storage Procedures

Handling Pressurized container: Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Do not use if spray button is missing or defective. Use only with adequate ventilation. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged exposure.

Storage Level 3 Aerosol
Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Avoid exposure to long periods of sunlight. Keep in an area equipped with sprinklers. Keep out of the reach of children. Use care in handling/storage.

Section VIII – Exposure Controls, Personal Protection

Exposure Limits

ACGIH

Components

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

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

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Wear chemical goggles.

Skin Protection

Not normally needed.

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Handle in accordance with good industrial hygiene and safety practice.

Section IX – Physical And Chemical Data

Appearance Compressed liquefied gas.

Color clear

Odor fruity

Physical State Liquid.

Form Aerosol.

Flammability 31.6624 kJ/g estimated

Flash Back No

Pressure 65-75 psig @70°F

Solubility Partially

Flash Point -156°F (-104.4°C) estimated

Boiling Point 68° F (12.8°C) estimated

Specific Gravity 0.734 estimated

pH Not applicable

Section X – Reactivity Data

Chemical Stability	Risk of ignition. Stable at normal conditions.
Conditions to Avoid	Heat, flames and sparks
Hazardous Decomposition Products	May include oxides of nitrogen

Section XI – Toxicological Information

Acute Effects	Acute LD50: 25647 mg/kg estimated, Rat, Oral Acute LD50: 28297 mg/kg estimated, Rat, Dermal Acute LC50: 107 mg/l/4h estimated, Rat, Inhalation
Sensitization	Not expected to be hazardous by OSHA criteria.
Local Effects	Contact may irritate or burn eyes.
Chronic Effects	Hazardous by OSHA criteria. Repeated absorbtin may cause disorder of central nervous system, liver, kidneys and blood. Prolonged exposure may cause chronic effects.
Neurological Effects	Hazardous by OSHA criteria.
Mutagenicity	Not expected to be hazardous by OSHA criteria.
Reproductive Effects	Not expected to be hazardous by OSHA criteria.
Teratogenicity	Not expected to be hazardous by OSHA criteria.
Epidemiology	Not expected to be hazardous by OSHA criteria
Further information	Symptoms may be delayed.

Section XII – Ecological Information

Ecotoxicity	LC50 7831 mg/L estimated, Fish, 96.00 Hours. ELC50 17782 mg/L estimated, Daphnia, 48.00 Hours. Components of this product have been identified as having potential environmental concerns.
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Section XIII – Disposal Considerations

Waste Codes	D001: Waste Flammable material with a flash point <140 F D018: Waste Benzene
Disposal Instructions	Consult authorities before disposal. Contents under pressure. Do not puncture incinerate or crush. Incinerate the material under controlled conditions in an approved incinerator. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

Section XIV – Transport Information

Department of Transportation

Basic Shipping Name	
Proper Shipping Name	Consumer commodity
Hazard Class	ORM-D
Subsidiary Hazard Class	None
Additional Information	
Packaging Non Bulk	156, 306
Packaging Exceptions	156, 306
Packaging Bulk	None

IDMG

Basic Shipping requirements	
Proper Shipping Name	AEROSOLS, flammable
Hazard Class	2.1
UN number	1950
Additional Information	
Items	5F
Labels required	2.1
Transport category	2

IATA

Basic Shipping requirements	
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1



UN number 1950

Section XV – Regulatory Information

US Federal Regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

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)

Hazard Categories Immediate Hazard- Yes
Delayed Hazard-no
Fire Hazard- Yes
Pressure Hazard- Yes
Reactivity Hazard-No

Section 302 Extremely Hazardous substance

No

Section 311 Hazardous chemical Yes

Inventor 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

Section XVI – Other Information

HMIS® Ratings

Health: I
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.

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