

# **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
Emergency telephone US

General Assistance 630-543-7600

Emergency telephone outside LIS

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).

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#### 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**

#### ACCIL

ACGIN 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 <b>-</b> 64-1	1000 ppm	Not established	Not established

1000 ppm

#### Personal protective equipment

Eye / face protection

Skin protection

Propane

Respiratory protection

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

Not normally needed.

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.

Not established

Not established

# 9. Physical & Chemical Properties

**Appearance** 

Compressed liquefied gas. 82.4 °F (27.8 °C) estimated

74-98-6

**Boiling point** Color

Flammability (HOC)

Clear.

32,5576 kJ/g estimated

Flash back

Flash point

-156 °F (-104.4 °C) Propellant

Form

Aerosol.

Odor рΗ

fruity

Not applicable

Physical state

Liquid.

Pressure

65 - 75 psig @ 70F

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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

67-64-1 106-97-8 Oral LD50 Rat 5800 mg/kg

n-Butane Propane

74-98-6

Inhalation LC50 Rat 658 mg/L 4 h Inhalation LC50 Rat 658 mg/L 4 h

Sensitization Teratogenicity Not expected to be hazardous by OSHA criteria.

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

ltem

5F

Labels required **Transport Category**  None 2



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#### 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

Yes

chemical

**CERCLA (Superfund) reportable quantity** 

Acetone: 5000.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely

No

hazardous substance

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) European List of Notified Chemical Substances (ELINCS)

No No

Europe 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 Propane 106-97-8 74-98-6 Present 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

Product and Company Identification: Product and Company Identification

experience currently available.

MSDS sections updated

Populatory Compliance

Prepared by

Regulatory Compliance

Product name: Tropic Breeze Metered Air Freshener

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### Remindair Curve

#### Section 1 Chemical Product & Company Information

Emergency Contact: (Spill/Release) (800) 424-9300 Information Number:

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:

Flammability: 1 Reactivity: 0 Health: 1

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 hygicnic

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.

# **Material Safety Data Sheet**

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

### **GEM Urinal Deodorizer**

#### 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: Gem Urinal Deodorizer

Product Numbers: EGEM72xx

Fragrances: 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: Nonc

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Always practice good housekeeping.

## Material Safety Data Sheet

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: Colored translucent polymer screen with various fragrances.

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 October 5, 2010

Material Name: OmniGuard Urinal Cleaner

# \* \* \* Section 1 - Chemical Product and Company Identification \* \* \*

Manufactured for

F-MATIC Inc. 299 S Millpond Dr Lehi, UT 84043 Phone: 801-768-2000 Fax: 888-878-8828

# \* \* \* Section 2 - Hazards Identification \* \* \*

**Emergency Overview** 

May cause skin and eye irritation.

Potential Health Effects: Eyes

May cause eye irritation.

Potential Health Effects: Skin

May cause irritation.

Potential Health Effects: Ingestion

Not a likely route of exposure under normal product use conditions. May cause gastrointestinal irritation if

swallowed.

Potential Health Effects: Inhalation

None anticipated under normal product use conditions. May cause dizziness and nausea from prolonged

inhalation.

HMIS Ratings: Health: 1 Fire: 1 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

\* \* \* Section 3 - Composition / Information on Ingredients \* \* \*

CAS#	Component	
25322-68-3	Polyethylene glycol	
Not Available	Fragrance	
5329-14-6	Sulfamic acid	

# \* \* \* Section 4 - First Aid Measures \* \* \*

First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

First Aid: Skin

For skin contact, wash immediately with soap and water.

First Aid: Ingestion

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

First Aid: Inhalation

Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration.

## \* \* \* Section 5 - Fire Fighting Measures \* \* \*

#### **General Fire Hazards**

See Section 9 for Flammability Properties.

None

#### **Hazardous Combustion Products**

Not Determined.

**Extinguishing Media** 

Use extinguishing media appropriate for surrounding fire.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

# Material Name: OmniGuard Urinal Cleaner

# \* \* \* Section 6 - Accidental Release Measures \* \* \*

#### **Containment Procedures**

Contain the discharged material.

### Clean-Up Procedures

Contain spilled material with a suitable absorbent material.

### **Evacuation Procedures**

Isolate area. Keep unnecessary personnel away.

## Special Procedures

Follow all Local, State, Federal and Provencial regulations for disposal.

# \*\*\* Section 7 - Handling and Storage \*\*\*

### **Handling Procedures**

No special handling procedures necessary.

#### **Storage Procedures**

Keep this material in a cool, well-ventilated place.

# \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

# **Engineering Controls**

Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

## PERSONAL PROTECTIVE EQUIPMENT

# Personal Protective Equipment: Eyes/Face

Wear safety glasses with side shields.

### Personal Protective Equipment: Skin

None necessary.

# Personal Protective Equipment: Respiratory

Not normally needed.

#### Personal Protective Equipment: General

Eye wash fountain is recommended.

# \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

Appearance: White casing Odor: Pleasant hysical State: Solid pH: 1.1

Physical State: Solid pH: 1.1

Vapor Pressure: ND Vapor Density: ND

Boiling Point: 205°C Melting Point: ND

Solubility (H2O): Insoluble Specific Gravity: ND

Potagol/H2O Coeff: ND

Flash Point: NA

Octanol/H2O Coeff.: ND Flash Point: NA Upper Flammability Limit NA

(UFL):

Lower Flammability Limit NA Burning Rate: NA

(LFL): Auto Ignition: NA

# \* \* \* Section 10 - Chemical Stability & Reactivity Information \* \* \*

#### **Chemical Stability**

This is a stable material.

Chemical Stability: Conditions to Avoid

None

## Incompatibility

None

### **Hazardous Decomposition**

Not Determined

# Possibility of Hazardous Reactions

Will not occur.

Material Name: OmniGuard Urinal Cleaner

\*\*\* Section 11 - Toxicological Information \*\*\*

**Acute Dose Effects** 

A: General Product Information

No information available for the product.

B: Component Analysis - LD50/LC50

Polyethylene glycol (25322-68-3)

Oral LD50 Rat: 28 g/kg; Dermal LD50 Rabbit:>20 g/kg

**Sulfamic acid (5329-14-6)**Oral LD50 Rat: 1450 mg/kg

Carcinogenicity

A: General Product Information

No information available for the product.

**B:** Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

\* \* \* Section 12 - Ecological Information \* \* \*

**Ecotoxicity** 

A: General Product Information

No information available for the product.

**B: Component Analysis - Ecotoxicity - Aquatic Toxicity** 

Polyethylene glycol (25322-68-3)

**Test & Species** 

>5000 mg/L

Conditions PEG 200, 400, 800

24 Hr LC50 Carassius auratus

Sulfamic acid (5329-14-6)

Test & Species

Conditions

96 Hr LC50 Pimephales promelas

70.3 mg/L [static]

\* \* \* Section 13 - Disposal Considerations \* \* \*

**US EPA Waste Number & Descriptions** 

**Component Waste Numbers** 

No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions** 

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

\* \* \* Section 14 - Transportation Information \* \* \*

**US DOT Information** 

Shipping Name: Not Regulated

\* \* \* Section 15 - Regulatory Information \* \* \*

**US Federal Regulations** 

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

**State Regulations** 

Issue Date: 09/24/08 Revision: 1.0000 Print Date: 11/10/2009

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## Material Name: OmniGuard Urinal Cleaner

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Polyethylene glycol	25322-68-3	No	No	Yes	No	No	No
Sulfamic acid	5329-14-6	No	No	No	Yes	No	No

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS#	Minimum Concentration
Sulfamic acid	5329-14-6	1 %

# Additional Regulatory Information

Component Analysis - Inventory

Hellt Alialysis - mychtory				
Component	CAS#	TSCA	CAN	EEC
Polyethylene glycol	25322-68-3	Yes	DSL	No
Sulfamic acid	5329-14-6	Yes	DSL	EINECS

# \* \* \* Section 16 - Other Information \* \* \*

### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

Issue Date: 09/24/08 Revision: 1.0000 Print Date: 11/10/2009