

1. Product and Company Identification

Material name **Cormatic® Air Freshener Gels**
Product use Air Fragrancing Gels
Product list
 Apple Breeze SKU# A0457
 Cherry-Almond SKU# A0451, 0751 (APTCO)
 Lemon SKU# A0452, 0752 (APTCO)
 Fresh Floral SKU# A0454, 0754 (APTCO)
Manufacturer information Manufactured for:
 Georgia-Pacific Consumer Products LLC
 133 Peachtree Street, NE
 Atlanta, GA 30303
 Technical Information 866.435.5647
 Chemtrec - Emergency 800.424.9300

2. Hazards Identification

Emergency overview CAUTION

 Direct contact with eyes or skin may cause irritation. May cause respiratory irritation. May be harmful if swallowed.
Target organs Eyes, skin and respiratory system
Potential health effects
 Eyes May cause slight irritation under normal use. Prolonged exposure may cause moderate irritation.
 Skin Not expected to be a primary skin irritant. Prolonged and/or repeated skin contact with this product may cause irritation.
 Inhalation May cause irritation to the nose, throat and respiratory system.
 Ingestion Not applicable under normal conditions of use. May result in gastric disturbances upon ingestion of this product.

3. Composition / Information on Ingredients

Components	CAS #	Percent
D-LIMONENE	5989-27-5	5 - 10
PROPYLENE GLYCOL	57-55-6	5 - 10
POLYETHYLENE GLYCOL OCTYLPHENYL ETHER	9036-19-5	1 - 5
BENZYL ACETATE	140-11-4	1 - 5
CITRAL	5392-40-5	1 - 5
BENZALDEHYDE	100-52-7	10 - 30
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	10 - 30
DIETHYL PHTHALATE	84-66-2	0.5 - 1.5

Composition comments D-Limonene, polyethylene glycol octylphenyl ether and citral are ingredients in Lemon fragrance only.

Diethylene glycol monoethyl ether and benzaldehyde are ingredients in Cherry-Almond fragrance only.

Benzyl acetate is an ingredient in Fresh Floral fragrance only.

Propylene glycol and diethyl phthalate are ingredients in Apple Breeze fragrance only.

This product is a multi-component mixture of fragrance ingredients. The specific chemical identities of the ingredients not listed herein are considered to be trade secrets by the manufacturer and are withheld in accordance with the provisions of 29 CFR 1910.1200.

Chemicals subject to disclosure as per Canadian WHMIS are listed above.

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eye(s) with plenty of water. If irritation persists get medical attention.

Skin contact Wash off with soap and plenty of water. If irritation persists get medical attention.

Inhalation Remove from exposure site to fresh air and keep at rest. If symptoms persist seek medical attention.

Ingestion If ingested seek medical attention or call poison control.

5. Fire Fighting Measures

General fire hazards Combustible material. See Section 9 for Flash Points.

Extinguishing media

Suitable extinguishing media Dry chemical, foam, carbon dioxide. Do not use a direct water jet on burning material.

Protection of firefighters

Protective equipment and precautions for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus.

Explosion data

Sensitivity to static discharge Not applicable.

Sensitivity to mechanical impact Not applicable.

Hazardous combustion products May include carbon monoxide and hydrocarbons.

6. Accidental Release Measures

Personal precautions Provide adequate ventilation and avoid contact with skin and eyes.

Methods for cleaning up Scoop up the product. Thoroughly wash the spill area with water.

7. Handling and Storage

Handling Do not drink, eat or smoke while handling. Wash hands after handling this product. Avoid contact with eyes and skin. Keep away from children.

Storage Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container.

8. Exposure Controls / Personal Protection

BENZALDEHYDE (CAS # 100-52-7)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS # 111-90-0)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

D-LIMONENE (CAS # 5989-27-5)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

PROPYLENE GLYCOL (CAS # 57-55-6)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

POLYETHYLENE GLYCOL OCTYLPHENYL ETHER (CAS # 9036-19-5)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

BENZYL ACETATE (CAS # 140-11-4)

	TWA	STEL	Ceiling
ACGIH	10 ppm TWA	Not established	Not established
OSHA	Not established	Not established	Not established

CITRAL (CAS # 5392-40-5)

	TWA	STEL	Ceiling
ACGIH	Not established	Not established	Not established
OSHA	Not established	Not established	Not established

DIETHYL PHTHALATE (CAS # 84-66-2)

	TWA	STEL	Ceiling
ACGIH	5 mg/m ³ TWA	Not established	Not established
OSHA	Not established	Not established	Not established

Engineering controls General ventilation normally adequate.

Personal protective equipment

Eye / face protection None necessary under normal conditions of use. Wear safety glasses or goggles if otherwise handling the product, such as in the event of a large leak or spill of the product.

Skin protection None necessary under normal conditions of use. Wear protective gloves if otherwise handling the product, such as in the event of a leak or spill of the product.

Respiratory protection Not normally needed.

9. Physical & Chemical Properties

Appearance Gel

Color	Apple Breeze: Light Green Cherry-Almond: Red Lemon: Yellow Fresh Floral: Green
Odor	Apple-Breeze Cherry-Almond Lemon Fresh Floral
Odor threshold	Not available
Physical state	Solid.
pH	Not available
Melting point	Apple Breeze: 155°F Cherry-Almond: 155°F Lemon: 165°F Fresh Floral: 155°F
Freezing point	Not available
Boiling point	Not available
Flash point	Apple Breeze: 175°F Cherry-Almond: 166°F Lemon: 145°F Fresh Floral: >200°F
Evaporation rate	Not available
Flammability	Combustible IIIA
Flammability limits in air, upper, % by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Vapor pressure	Apple Breeze: 0.2379 mmHg@20°C Cherry-Almond: 0.8915 mmHg@20°C Lemon: Not available Fresh Floral: 0.1882 mmHg@20°C
Vapor density	Not available
Specific gravity	Not available
Relative density	Not available
Solubility (water)	Not available
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Percent volatile	47.5 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Heat, flames and sparks.
Conditions of Reactivity	No dangerous reaction known under conditions of normal use.
Incompatible materials	Strong acids, alkalies and oxidizing agents.
Hazardous decomposition products	May include carbon monoxide and hydrocarbons.

11. Toxicological Information

Toxicological information	No toxicological data available for this product. Toxicological information for components of this product is listed below.
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Toxicological information (Ingredients)

BENZALDEHYDE (CAS # 100-52-7)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 800 mg/kg
Dermal LD50 Rabbit: 1250 mg/kg

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS # 111-90-0)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 1920 mg/kg
Inhalation LC50 Rat: 5240 mg/l/4h

D-LIMONENE (CAS # 5989-27-5)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 4400 mg/kg
Dermal LD50 Rabbit: 2000 mg/kg

PROPYLENE GLYCOL (CAS # 57-55-6)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 20000 mg/kg
Dermal LD50 Rabbit: 20800 mg/kg

POLYETHYLENE GLYCOL OCTYLPHENYL ETHER (CAS # 9036-19-5)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 4190 mg/kg

BENZYL ACETATE (CAS # 140-11-4)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 2490 mg/kg
Dermal LD50 Rabbit: 5000 mg/kg

CITRAL (CAS # 5392-40-5)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 4950 mg/kg
Dermal LD50 Rabbit: 2250 mg/kg
Dermal LD50 Rat: 2000 mg/kg

DIETHYL PHTHALATE (CAS # 84-66-2)

Toxicology Data - Selected LD50s and LC50s

Oral LD50 Rat: 8600 mg/kg
Dermal LD50 Rat: 11200 mg/kg

Sensitization	Not available.
Carcinogenicity	Not listed by IARC, NTP, or OSHA.
Mutagenicity	Not available.
Reproductive effects	Not available.
Teratogenicity	Not available.
Synergistic materials	None known.

12. Ecological Information

Ecotoxicity

BENZALDEHYDE (CAS # 100-52-7)

Ecotoxicity - Freshwater Fish Species Data

96 Hr LC50 *Oncorhynchus mykiss*: 11 mg/L; 96 Hr LC50 *Lepomis macrochirus*: 1.1 mg/L; 96 Hr LC50 *Pimephales promelas*: 7.61 mg/L [flow-through]; 96 Hr LC50 *Lepomis macrochirus*: 7.5 mg/L [static]

CITRAL (CAS # 5392-40-5)

Ecotoxicity - Freshwater Algae Data

72 Hr EC50 *Scenedesmus subspicatus*: 16 mg/L; 96 Hr EC50 *Scenedesmus subspicatus*: 19 mg/L
96 Hr LC50 *Leuciscus idus*: 4.6-10 mg/L [static]

Ecotoxicity - Freshwater Fish Species Data

DIETHYL PHTHALATE (CAS # 84-66-2)

Ecotoxicity - Freshwater Algae Data

72 Hr EC50 *Scenedesmus subspicatus*: 23 mg/L; 96 Hr EC50 *Scenedesmus subspicatus*: 21 mg/L
96 Hr LC50 *Pimephales promelas*: 17 mg/L [flow-through]; 96 Hr LC50 *Pimephales promelas*: 16.8 mg/L [static]; 96 Hr LC50 *Lepomis macrochirus*: 22 mg/L [flow-through]; 96 Hr LC50 *Lepomis macrochirus*: 16.7 mg/L [static]

Ecotoxicity - Freshwater Fish Species Data

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS # 111-90-0)

Ecotoxicity - Freshwater Fish Species Data

96 Hr LC50 *Oncorhynchus mykiss*: 13420 mg/L; 96 Hr LC50 *Pimephales promelas*: 26400 mg/L [flow-through]; 96 Hr LC50 *Lepomis macrochirus*: 10000 mg/L [static]; 96 Hr LC50 *Salmo gairdneri*: 13400 mg/L [flow-through]

D-LIMONENE (CAS # 5989-27-5)

Ecotoxicity - Freshwater Fish Species Data

96 Hr LC50 *Pimephales promelas*: 702 mg/L [flow-through]

PROPYLENE GLYCOL (CAS # 57-55-6)

Ecotoxicity - Freshwater Algae Data

96 Hr EC50 *Selenastrum capricornutum*: 19000 mg/L
96 Hr LC50 *Oncorhynchus mykiss*: 51600 mg/L [static]; 96 Hr LC50 *Pimephales promelas*: 51400 mg/L [static]

Ecotoxicity - Freshwater Fish Species Data

13. Disposal Considerations

Disposal instructions Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

14. Transport Information

Department of Transportation (DOT) Requirements

This product is not regulated as a hazardous material by the United States (DOT) transportation regulations

Canadian Transportation of Dangerous Goods (TDG) Requirements

Not regulated as dangerous goods.

15. Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Section 313 hazardous chemical Yes

Inventory status

Country(s) or region	Inventory name	Compliant w/inventory requirements (yes/no)
Canada	Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

Canadian regulations

BENZALDEHYDE (CAS # 100-52-7)

Canada - WHMIS - Ingredient Disclosure List 1 %

CITRAL (CAS # 5392-40-5)

Canada - WHMIS - Ingredient Disclosure List 1 %

DIETHYL PHTHALATE (CAS # 84-66-2)

Canada - WHMIS - Ingredient Disclosure List 0.1 %

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS # 111-90-0)

Canada - WHMIS - Ingredient Disclosure List 1 %

D-LIMONENE (CAS # 5989-27-5)

Canada - WHMIS - Ingredient Disclosure List 1 %

POLYETHYLENE GLYCOL OCTYLPHENYL ETHER (CAS # 9036-19-5)

Canada - WHMIS - Ingredient Disclosure List 1 %

PROPYLENE GLYCOL (CAS # 57-55-6)

Canada - WHMIS - Ingredient Disclosure List 1 %

16. Other Information

HMIS® ratings Health: 1
Flammability: 2
Physical hazard: 0

NFPA ratings Health: 1
Flammability: 2
Instability: 0

Disclaimer

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Georgia-Pacific and its subsidiaries make no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Georgia-Pacific and its subsidiaries will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

Effective date

22-Sep-2008

Supersedes

02-Oct-2006

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