

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product number YA007
Product name Fresh Breeze Air Freshener
Effective date 29-Jun-2010
Company information Pro-Link Inc
Ottawa Ontario, K1Z 1E9 Canada
Company phone General Assistance 1-800-74-LINKS
Emergency telephone US 800-424-9300
Emergency telephone outside US 703-527-3887
Version # 08
Supersedes date 28-Oct-2009
Expiry Date 30-Jun-2013

2. Hazards Identification

Emergency overview Aerosol. Contents under pressure. Will be easily ignited by heat, spark or flames. Health injuries are not known or expected under normal use.

Potential health effects

Routes of exposure Ingestion. Skin contact.

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

Skin Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Health injuries are not known or expected under normal use.

Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Health injuries are not known or expected under normal use.

Ingestion Exposure by ingestion of an aerosol is unlikely. Health injuries are not known or expected under normal use. Components of the product may be absorbed into the body by ingestion.

Target organs Central nervous system. Skin.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	10 - 30
Propane	74-98-6	7 - 13
n-Butane	106-97-8	3 - 7
Non-hazardous and other components below reportable levels		60 - 100

4. First Aid Measures

First aid procedures

Eye contact Get medical attention if irritation develops or persists. Rinse with water.

Skin contact Rinse with water. Get medical attention if irritation develops or persists.

Inhalation If symptoms develop move victim to fresh air. If symptoms persist, get medical attention.

Ingestion Call a physician immediately. No need for first aid is anticipated if material is swallowed.

5. Fire Fighting Measures

Flammable properties Ruptured cylinders may rocket.

Extinguishing media

Suitable extinguishing media Water fog. Dry chemical. Carbon dioxide (CO₂).

Protection of firefighters**Protective equipment and precautions for firefighters**

Wear full protective clothing, 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. Do not direct water at source of leak or safety devices; icing may occur. Cool containers with flooding quantities of water until well after fire is out. Some of these materials, if spilled, may evaporate leaving a flammable residue.

Unusual fire & explosion hazards

Ruptured cylinders may rocket.

6. Accidental Release Measures

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. If possible, turn leaking containers so that gas escapes rather than liquid. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up

Clean up in accordance with all applicable regulations. Should not be released into the environment. Ventilate the contaminated area. 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 contaminated surface thoroughly.

7. Handling and Storage

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. When using do not smoke. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not use if spray button is missing or defective.

Storage

Level 1 Aerosol.
Contents under pressure. Do not puncture, incinerate or crush. Keep away from heat and sources of ignition. Avoid exposure to long periods of sunlight. Keep at temperature not exceeding 49 °C. Keep in an area equipped with sprinklers. Keep out of the reach of children. Level 1 Aerosol (NFPA 30B) Do not store, incinerate, or heat this material above 120 degrees Fahrenheit.

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

Personal protective equipment**Eye / face protection**

Wear chemical goggles.

Skin protection

Wear appropriate chemical resistant clothing.

Respiratory protection

No personal respiratory protective equipment normally required. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

9. Physical & Chemical Properties
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Appearance

Compressed liquefied gas.

Boiling point

190.4 °F (87.8 °C) estimated

Color

White.

Evaporation rate

Not available

Flammability (HOC)

12.6809 kJ/g estimated

Flammability limits in air, lower, % by volume

Not available

Flammability limits in air, upper, % by volume

Not available

Flash back

No

Flash point	-156 °F (-104.4 °C) Propellant
Form	Compressed gas. Aerosol.
Freezing point	Not available
Odor	Characteristic.
Odor threshold	Not available
pH	9.5 - 10.5
Physical state	Liquid.
Pressure	90 - 100 psig @ 70F
Specific gravity	0.8545 estimated

10. Chemical Stability & Reactivity Information

Chemical stability	Risk of ignition.
Conditions to avoid	Aerosol containers are unstable at temperatures above 49°C.

11. Toxicological Information

Acute effects	Acute LD50: 15686 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 WHMIS criteria.
Carcinogenicity	Not expected to be hazardous by WHMIS criteria.
Mutagenicity	Not expected to be hazardous by WHMIS criteria.
Teratogenicity	Not expected to be hazardous by WHMIS criteria.
Chronic toxicity	Not expected to be hazardous by WHMIS criteria.

12. Ecological Information

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.
	LC50 326 mg/L estimated, Fish, 96.00 Hours,
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. Disposal Considerations

Disposal instructions	Contents under pressure. Dispose of this material and its container at 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. Dispose in accordance with all applicable regulations.
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14. Transport Information

Canadian Transportation of Dangerous Goods (TDG) Requirements

Proper shipping name	AEROSOLS, flammable
Hazard class	2.1
UN number	UN1950
Marine pollutant	•
Special provisions	80 SOR/2002-306
Packaging exceptions	If <1L: Consumer Commodity



15. Regulatory Information

Canadian regulations

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Canada - WHMIS - Ingredient Disclosure List

n-Butane 106-97-8 1 %

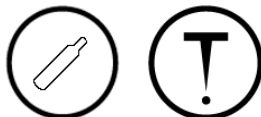
WHMIS status

Controlled

WHMIS classification

A - Compressed Gas
D2B - Other Toxic Effects-TOXIC

WHMIS labeling



Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	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
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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)

16. Other Information

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.

MSDS sections updated

Product and Company Identification: Product Review
Hazards Identification: Eyes
Transport Information: Product Shipping Name/Packing Group

Prepared by

Regulatory Compliance