

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** YA005  
**Product name** **Berry Blast Air Freshener**  
**Effective date** 28-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 #** 05  
**Supersedes date** 17-Dec-2009  
**Expiry Date** 30-Jun-2013

## 2. Hazards Identification

**Emergency overview** CONTENTS UNDER PRESSURE. Aerosol. Will be easily ignited by heat, spark or flames.  
Health injuries are not known or expected under normal use.

**Potential health effects**

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

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

**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.

**Target organs** Central nervous system.

## 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** Flush eyes with water as a precaution. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists.

**Skin contact** Immediately take off all contaminated clothing. Rinse with water. Get medical attention if irritation develops or persists.

**Inhalation** Call a physician if symptoms develop or persist.

**Ingestion** No need for first aid is anticipated if material is swallowed.

## 5. Fire Fighting Measures

**Flammable properties** Vapors may travel to a source of ignition and flash back.

**Extinguishing media**

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

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

**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. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. 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**

Vapors may travel to a source of ignition and flash back.

**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. Move the cylinder to a safe and open area if the leak is irreparable.

**Methods for cleaning up**

Clean up in accordance with all applicable regulations.

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. Avoid exposure to long periods of sunlight. Keep in an area equipped with sprinklers. Keep out of the reach of children.

**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**

Not normally needed.

**Skin protection**

Not normally needed.

**Respiratory protection**

No personal respiratory protective equipment normally required.

**9. Physical & Chemical Properties**

<b>Appearance</b>	Compressed liquefied gas.
<b>Boiling point</b>	190.4 °F (87.8 °C) estimated
<b>Color</b>	White.
<b>Evaporation rate</b>	Not available
<b>Flammability (HOC)</b>	12.6809 kJ/g estimated
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Flash back</b>	No
<b>Flash point</b>	-156 °F (-104.4 °C) Propellant
<b>Form</b>	Aerosol.
<b>Freezing point</b>	Not available
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not available

pH	9.5 - 10.5
Physical state	Liquid.
Pressure	85 - 100 psig @ 70F
Specific gravity	0.8543 estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Risk of ignition. Stable at normal conditions.
<b>Conditions to avoid</b>	Avoid high temperatures.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	May include oxides of nitrogen.

## 11. Toxicological Information

<b>Acute effects</b>	Acute LD50: 15686 mg/kg estimated, Rat, Dermal Acute LC50: 40 mg/l/4h estimated, Rat, Inhalation
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### 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

<b>Sensitization</b>	Not expected to be hazardous by WHMIS criteria.
<b>Carcinogenicity</b>	Not expected to be hazardous by WHMIS criteria.
<b>Mutagenicity</b>	Not expected to be hazardous by WHMIS criteria.
<b>Reproductive effects</b>	Not expected to be hazardous by WHMIS criteria.
<b>Teratogenicity</b>	Not expected to be hazardous by WHMIS criteria.
<b>Chronic toxicity</b>	Not expected to be hazardous by WHMIS criteria.

## 12. Ecological Information

<b>Ecotoxicity</b>	LC50 326 mg/L, Fish, 96.00 Hours, EC50 84505 mg/L, Daphnia, 48.00 Hours, Components of this product have been identified as having potential environmental concerns.
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## 13. Disposal Considerations

<b>Disposal instructions</b>	Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. 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

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



## 15. Regulatory Information

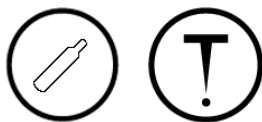
<b>Canadian regulations</b>	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
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#### Canada - WHMIS - Ingredient Disclosure List

n-Butane	106-97-8	1 %
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**WHMIS status** Controlled  
**WHMIS classification** A - Compressed Gas  
D2B - Other Toxic Effects-TOXIC

**WHMIS labeling**



**Inventory status**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
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  
Physical & Chemical Properties: Physical & Chemical Properties

**Prepared by**

Regulatory Compliance