

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** YA006  
**Product name** Citrus Splash Air Freshener  
**Effective date** 19-Sep-2012  
**Company information** Pro-Link Inc  
Ottawa, ON K1Z 1E9 Canada  
**Company phone** General Assistance 1-800-74-LINKS  
**Emergency telephone US** 1-866-836-8855  
**Emergency telephone outside US** 1-952-852-4646  
**Version #** 08  
**Supersedes date** 24-Aug-2011  
**Expiry Date** 19-Sep-2015  
**Product use** Air freshener

## 2. Hazards Identification

**Emergency overview** Aerosol. Heat may cause the containers to explode. CONTENTS UNDER PRESSURE. Prolonged exposure may cause chronic effects.

**Potential health effects**

**Routes of exposure** Inhalation. Skin contact. Eye contact. Ingestion.

**Eyes** Contact with liquid or mist will irritate the eyes.

**Skin** 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. 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** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Skin contact** Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. Get medical attention immediately. Wash clothing separately before reuse.

**Inhalation** If symptoms develop move victim to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or Poison Control Center immediately.

**Ingestion** If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not induce vomiting without advice from poison control center. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

## 5. Fire Fighting Measures

<b>Flammable properties</b>	Heat may cause the containers to explode. Ruptured cylinders may rocket.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water fog. Dry chemical. Carbon dioxide (CO <sub>2</sub> ).
<b>Protection of firefighters</b>	
<b>Protective equipment and precautions for firefighters</b>	Containers should be cooled with water to prevent vapor pressure build up. Some of these materials, if spilled, may evaporate leaving a flammable residue. Do not direct water at source of leak or safety devices as icing may occur. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Unusual fire &amp; explosion hazards</b>	Heat may cause the containers to explode. Ruptured cylinders may rocket.

## 6. Accidental Release Measures

<b>Methods for containment</b>	Stop leak if you can do so without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). 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, sewer, basements or confined areas.
<b>Methods for cleaning up</b>	Clean up in accordance with all applicable regulations. Ventilate the 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 surface thoroughly to remove residual contamination.

## 7. Handling and Storage

<b>Handling</b>	Pressurized container: Do not pierce or burn, even after use. When using do not smoke. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Wear positive pressure self-contained breathing apparatus (SCBA). 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. Do not re-use empty containers. Do not get this material in contact with eyes. Do not get this material in contact with skin. Do not get this material on clothing. Wear personal protective equipment.
<b>Storage</b>	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. Store in a well-ventilated place. Keep container dry. Keep out of the reach of children. Level 1 Aerosol (NFPA 30B)

## 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

<b>Eye / face protection</b>	Chemical goggles are recommended.
<b>Skin protection</b>	Not normally needed. Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	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

<b>Appearance</b>	Clear.
<b>Boiling point</b>	197.6 °F (92.2 °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
<b>pH</b>	9.5 - 10.5
<b>Physical state</b>	Liquid.
<b>Pressure</b>	85 - 100 psig @ 70F
<b>Specific gravity</b>	0.8539 estimated

## 10. Chemical Stability & Reactivity Information

**Conditions to avoid** Aerosol containers are unstable at temperatures above 49°C.  
**Hazardous decomposition products** No hazardous decomposition products are known.

## 11. Toxicological Information

**Acute effects** Acute LD50: 15687 mg/kg estimated, Rat, Dermal  
 Acute LC50: 40 mg/l/4h estimated, Rat, Inhalation

### 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.  
**Reproductive effects** 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** LC50 326 mg/L, Fish, 96.00 Hours,  
 EC50 83652 mg/L, Daphnia, 48.00 Hours,  
 Contains a substance which causes risk of hazardous effects to the environment.

## 13. Disposal Considerations

**Disposal instructions** Contents under pressure. Do not puncture, incinerate or crush. Dispose of this material and its container to 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.

## 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)	Yes
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. The information in the sheet was written based on the best knowledge and experience currently available.

**MSDS sections updated** Product and Company Identification: Product Review  
Physical & Chemical Properties: Appearance  
Transport Information: Product Shipping Name/Packing Group  
Transport Information: Further information

**Prepared by** Regulatory Compliance