

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product number YA013
Product name **Crisp Linen Air Freshener & Deodorizer**
Effective date 28-Feb-2011
Company information Pro-Link Inc
Canton, MA 02021 United States
Company phone General Assistance 1-800-74-LINKS
Emergency telephone US 800-424-9300
Emergency telephone outside US 703-527-3887
Version # 11
Supersedes date 28-Feb-2011

2. Hazards Identification

Emergency overview Aerosol. CONTENTS UNDER PRESSURE.
Prolonged exposure may cause chronic effects.

Potential health effects

Routes of exposure Skin contact. Ingestion.

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

Skin Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

Ingestion Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into the body by ingestion.

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. Defatting of the skin. Skin irritation.

3. Composition / Information on Ingredients

| Components | CAS # | Percent |
|--|------------|---------|
| Synthetic Isoparaffinic Hydrocarbon | 64742-47-8 | 10 - 15 |
| Propane | 74-98-6 | 10 - 15 |
| n-Butane | 106-97-8 | 3 - 5 |
| Non-hazardous and other components below reportable levels | | 60 - 80 |

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 if irritation develops and persists.

Skin contact Wash off with warm water and soap. Get medical attention if irritation develops and persists.

Inhalation If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

Ingestion Call a physician immediately.

Notes to physician Symptoms may be delayed.

5. Fire Fighting Measures

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| 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. Dry chemical. Carbon dioxide (CO ₂). |
| 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

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|--------------------------------|---|
| 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 | Should not be released into the environment. 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

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| Handling | Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. 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. Keep away from heat and flame. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Avoid exposure to long periods of sunlight. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. 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 |

OSHA

| Components | CAS # | TWA | STEL | Ceiling |
|------------|---------|----------|-----------------|-----------------|
| Propane | 74-98-6 | 1000 ppm | Not established | Not established |

Personal protective equipment

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| Eye / face protection | Chemical goggles are recommended. |
| Skin protection | Wear appropriate chemical resistant clothing. Chemical resistant gloves. |
| Respiratory protection | 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. |

9. Physical & Chemical Properties

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|---------------------------|------------------------------------|
| Appearance | Compressed liquefied gas. |
| Boiling point | 190.4 °F (87.8 °C) estimated |
| Color | White. |
| Density | 0.8541 g/cm ³ estimated |
| Flammability (HOC) | 12.9138 kJ/g estimated |
| Flash back | No |
| Flash point | -156 °F (-104.4 °C) Propellant |
| Form | Aerosol. |

| | |
|------------------|---------------------|
| Freezing point | Not available |
| Odor | Characteristic. |
| pH | 9.5 - 10.5 |
| Physical state | Liquid. |
| Pressure | 90 - 100 psig @ 70F |
| Solubility | Partially |
| Specific gravity | 0.8542 estimated |

10. Chemical Stability & Reactivity Information

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| Conditions to avoid | Heat, flames and sparks. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological Information

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| Acute effects | Acute LD50: 15687 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 OSHA criteria. |
| Teratogenicity | Not expected to be hazardous by OSHA criteria. |

12. Ecological Information

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| Ecotoxicity | LC50 326 mg/L estimated, Fish, 96.00 Hours, Contains a substance which causes risk of hazardous effects to the environment. |
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13. Disposal Considerations

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| 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. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. |

14. Transport Information

Department of Transportation (DOT) Requirements

Basic shipping requirements:

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|--------------------------------|--------------------|
| 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 |
| Item | 5F |
| Labels required | None |
| Transport Category | 2 |



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



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| 15. Regulatory Information |
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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 chemical Yes

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance No

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) | 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 |
| 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**

| | | |
|-------------------------------------|------------|---------|
| n-Butane | 106-97-8 | Present |
| Propane | 74-98-6 | Present |
| Synthetic Isoparaffinic Hydrocarbon | 64742-47-8 | Present |

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| 16. Other Information |
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Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1
 Flammability: 2
 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 experience currently available.

MSDS sections updated

Product and Company Identification: Product and Company Identification
 Composition / Information on Ingredients: Ingredients
 Physical & Chemical Properties: Physical & Chemical Properties

