



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** 186  
**Product name** Tropical Fruit - Air & Fabric Deodorizer  
**Effective date** 06-Sep-2011  
**Company information** Sprayway, Inc.  
1005 Westgate  
Addison, IL 60101 United States  
**Company phone** General Assistance 630-543-7600  
**Emergency telephone US** 800-424-9300  
**Emergency telephone outside US** 703-527-3887  
**Version #** 04  
**Supersedes date** 28-Feb-2008

## 2. Hazards Identification

**Emergency overview** Aerosol. FLAMMABLE  
CONTENTS UNDER PRESSURE. Will be easily ignited by heat, spark or flames.  
Harmful in contact with eyes. Prolonged exposure may cause chronic effects.

**Potential health effects**

**Routes of exposure** Inhalation.

**Eyes** Contact may irritate or burn 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. Prolonged inhalation may be harmful.

**Ingestion** Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage.

**Target organs** Central nervous system. Respiratory system.

**Chronic effects** Unconsciousness. Prolonged skin contact may defat the skin and produce dermatitis. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. May cause delayed lung damage.

**Signs and symptoms** Discomfort in the chest. Narcosis. Cyanosis. Defatting of the skin. Irritation.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Propane	74-98-6	30 - 40
n-Butane	106-97-8	30 - 40
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	20 - 30
Ethyl Alcohol	64-17-5	3 - 5
Isopropyl Alcohol	67-63-0	0.5 - 1
Non-hazardous and other components below reportable levels		1 - 2.5

## 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. Get medical attention immediately.

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

**Inhalation** Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Call a physician if symptoms develop or persist.

**Ingestion**

Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Notes to physician**

Symptoms may be delayed.

<b>5. Fire Fighting Measures</b>
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**Flammable properties**

Vapor or gas may spread to distant ignition sources and flash back.

**Extinguishing media****Suitable extinguishing media**

Water fog. Foam. Dry chemical. Carbon dioxide (CO2).

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

In the event of fire and/or explosion do not breathe fumes. 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.

<b>6. Accidental Release Measures</b>
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**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**

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

<b>7. Handling and Storage</b>
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**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. Do not smoke while using or until sprayed surface is thoroughly dry. Do not use if spray button is missing or defective. Use only with adequate ventilation. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged exposure.

**Storage**

Level 3 Aerosol.

Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Avoid exposure to long periods of sunlight. Keep in an area equipped with sprinklers. Keep out of the reach of children.

<b>8. Exposure Controls / Personal Protection</b>
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**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

Ethyl Alcohol

64-17-5

1000 ppm

1000 ppm

Not established

Isopropyl Alcohol

67-63-0

200 ppm

400 ppm

Not established

**OSHA****Components****CAS #****TWA****STEL****Ceiling**

Propane

74-98-6

1000 ppm

Not established

Not established

Ethyl Alcohol

64-17-5

1000 ppm

Not established

Not established

Isopropyl Alcohol

67-63-0

400 ppm

Not established

Not established

**Personal protective equipment****Eye / face protection**

Wear chemical goggles.

**Skin protection**

Not normally needed.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

## 9. Physical & Chemical Properties

Appearance	Not available
Boiling point	105.8 °F (41.1 °C) estimated
Color	Colorless.
Density	0.607 g/cm <sup>3</sup> estimated
Flammability (HOC)	41.84 kJ/g estimated
Flash back	No
Flash point	-156 °F (-104.4 °C) estimated
Form	Liquid. Aerosol.
Freezing point	Not available
Odor	fruity
pH	Not applicable
Physical state	Liquid.
Pressure	65 - 75 psig @ 70F
Solubility	Negligible
Specific gravity	0.6071 estimated

## 10. Chemical Stability & Reactivity Information

Chemical stability	Risk of ignition. Stable at normal conditions.
Conditions to avoid	Heat, flames and sparks.
Hazardous decomposition products	May include oxides of nitrogen.

## 11. Toxicological Information

Acute effects	Acute LD50: 6872 mg/kg estimated, Rat, Dermal Acute LC50: 17 mg/l/4h estimated, Rat, Inhalation
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### Component analysis - LD50

#### Toxicology Data - Selected LD50s and LC50s

Ethyl Alcohol	64-17-5	Oral LD50 Rat 7060 mg/kg; Inhalation LC50 Rat 124.7 mg/L 4 h
Isopropyl Alcohol	67-63-0	Inhalation LC50 Rat 72.6 mg/L 4 h; Oral LD50 Rat 4396 mg/kg; Dermal LD50 Rat 12800 mg/kg; Dermal LD50 Rabbit 12870 mg/kg
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

### Carcinogenicity

#### IARC - Group 1 (Carcinogenic to Humans)

Ethyl Alcohol	64-17-5	Monograph 100E [in preparation] (in alcoholic beverages); Monograph 96 [in preparation] (in alcoholic beverages)
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## 12. Ecological Information

Ecotoxicity	LC50 155 mg/L, Fish, 96.00 Hours, Components of this product have been identified as having potential environmental concerns.
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## 13. Disposal Considerations

Waste codes	D001: Waste Flammable material with a flash point <140 F
Disposal instructions	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.

## 14. Transport Information

### Department of Transportation (DOT) Requirements

#### Basic shipping requirements:

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, flammable
Hazard class	2.1
UN number	1950
Additional information:	
Packaging exceptions	LTD QTY
Item	5F
Labels required	2.1
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



## 15. Regulatory Information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
CERCLA/SARA Hazardous Substances - Not applicable.

#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Isopropyl Alcohol	67-63-0	1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)
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### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical	Yes
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### 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 - Yes 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**

Ethyl Alcohol	64-17-5	Present
Isopropyl Alcohol	67-63-0	Environmental hazard
n-Butane	106-97-8	Present
Propane	74-98-6	Present
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	Present

**16. Other Information****Further information**

HMIS Trademark Statement

**HMIS® ratings**

Health: 1\*  
 Flammability: 3  
 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.

**MSDS sections updated**

Hazards Identification: Emergency overview  
 Hazards Identification: Eyes  
 Hazards Identification: Target organs  
 Hazards Identification: Chronic effects  
 Hazards Identification: Main symptoms  
 Handling and Storage: Storage  
 Exposure Controls / Personal Protection: Respiratory protection  
 Exposure Controls / Personal Protection: Skin and body protection  
 Chemical Stability & Reactivity Information: Incompatibility  
 Toxicological Information: Reproductivity  
 Transport Information: Product Shipping Name/Packing Group

**Prepared by**

Regulatory Compliance