



# Safety Data Sheet

## Big D Breeze Apple Cinnamon Refill

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Big D Breeze Apple Cinnamon Refill
<b>Other Means of Identification</b>	028500, A0438500
<b>Other Identification</b>	Breeze Apple Cinnamon Refill
<b>Product Family</b>	Breeze Liquid
<b>Recommended Use</b>	Air Freshener.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
<b>Emergency Phone No.</b>	InfoTrac, 800-535-5053, 24hr
<b>SDS No.</b>	0312

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable liquid - Category 4; Acute toxicity (Oral) - Category 4; Skin sensitization - Category 1; Germ cell mutagenicity - Category 1B; Carcinogenicity - Category 1B; Aquatic hazard (Acute) - Category 2; Aquatic hazard (Chronic) - Category 2

#### GHS Label Elements



Signal Word:  
Danger

#### Hazard Statement(s):

H227	Combustible liquid.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H340	May cause genetic defects.
H350	May cause cancer.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

#### Precautionary Statement(s):

##### Prevention:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from flames and hot surfaces. – No smoking.
P261	Avoid breathing dust, fume, gas, mist, vapours or spray.

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P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P301 + P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P308 + P313 IF exposed or concerned: Get medical advice/attention.  
P321 Specific treatment (see on this label).  
P330 Rinse mouth.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P370 + P378 In case of fire: Use appropriate foam to extinguish.  
P391 Collect spillage.

**Storage:**

P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

**Other Hazards**

96.44% of the mixture consists of component(s) of unknown acute oral toxicity. 91.55% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 88.56% Of the mixture consists of component(s) of unknown long term hazards to the aquatic environment.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Contains no hazardous ingredients.

Chemical Name	CAS No.	%	Other Identifiers
Other components below reportable Levels	No CAS	82.137	
Naphtha (petroleum), heavy alkylate	64741-65-7	6.00	
Terpenes and Terpenoids, sweet orange-oil	68647-72-3	4.116	
Cyclohexanol, 2-(1,1-dimethylethyl)-, acetate	88-41-5	2.234	
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5	1.422	
Malonic acid, diethyl ester	105-53-3	1.333	
Cinnamaldehyde, alpha-methyl-	101-39-3	1.159	
EUGENOL	97-53-0	1.022	
COUMARIN	91-64-5	0.266	
Cinnamaldehyde, alpha-hexyl-	101-86-0	0.168	
Cinnamaldehyde, alpha-pentyl-	122-40-7	0.135	

**SECTION 4. FIRST-AID MEASURES**

**First-aid Measures**

**Inhalation**

Move to fresh air. If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a

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Poison Centre or doctor.

#### **Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts).

#### **Eye Contact**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

#### **Ingestion**

Rinse mouth with water. Immediately call a Poison Centre or doctor.

### **Most Important Symptoms and Effects, Acute and Delayed**

If inhaled:

Can irritate the nose and throat. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

If on skin:

Repeated or prolonged exposure can irritate the skin.

If in eyes:

Causes moderate to severe irritation. Symptoms include sore, red eyes, and tearing.

If swallowed:

Can irritate the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

### **Immediate Medical Attention and Special Treatment**

#### **Medical Conditions Aggravated by Exposure**

None known.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder or appropriate foam.

#### **Unsuitable Extinguishing Media**

None known.

### **Specific Hazards Arising from the Chemical**

Can ignite if strongly heated.

This product presents no unusual hazards in a fire situation. Combustible liquid. Can ignite if heated. Releases vapour that can form explosive mixture with air at or above the flash point.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide.

### **Special Protective Equipment and Precautions for Fire-fighters**

No special precautions are necessary.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Eliminate all ignition sources. Use grounded, explosion-proof equipment.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

### **Methods and Materials for Containment and Cleaning Up**

Contain and soak up spill with absorbent that does not react with spilled product.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

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Obtain special instructions before use. Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs. Avoid generating vapours or mists. Do not get in eyes, on skin or on clothing. Avoid repeated or prolonged skin contact. Do not swallow. Only use where there is adequate ventilation. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area.

#### Conditions for Safe Storage

Store in an area that is: cool, well-ventilated, out of direct sunlight and away from heat and ignition sources.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

### Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Prevent skin contact.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Colourless - yellow. Particle Size: Not available
Odour	Fragrant
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	68 °C (155 °F)
Evaporation Rate	< 1.00 (n-butyl acetate = 1)
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	> 1.00
Relative Density (water = 1)	0.953
Solubility	Insoluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
Physical State	Liquid
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Bulk Density	Not available

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<b>Surface Tension</b>	Not available
<b>Critical Temperature</b>	Not available
<b>Electrical Conductivity</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

None known.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
EUGENOL		1930 mg/kg (rat)	
COUMARIN		293 mg/kg (rat)	
1,3,4,6,7, 8-Hexahydro-4,6,6,7,8, 8-hexamethylindeno[5, 6-c]pyran		> 5000 mg/kg (rat)	> 5000 mg/kg (rabbit)

### Skin Corrosion/Irritation

May cause mild irritation based on information for closely related chemicals.

### Serious Eye Damage/Irritation

There is limited evidence of very mild irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Not harmful.

#### Skin Absorption

Not harmful.

#### Ingestion

Irritation of the mouth, throat and stomach. Harmful based on information for closely related materials.

### Aspiration Hazard

Not known to be an aspiration hazard.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

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No information was located.

#### **Respiratory and/or Skin Sensitization**

May cause an allergic reaction (skin sensitization) based on information for closely related chemicals.

#### **Carcinogenicity**

IARC: Group 3 – Not classifiable as to its carcinogenicity to humans. (EUGENOL). (COUMARIN)

May cause cancer.

Key to Abbreviations

IARC = International Agency for Research on Cancer. ACGIH® = American Conference of Governmental Industrial Hygienists.

#### **Reproductive Toxicity**

##### **Development of Offspring**

Does not cause harm to the unborn child.

##### **Sexual Function and Fertility**

Does not cause effects on sexual function or fertility.

##### **Effects on or via Lactation**

No information was located.

#### **Germ Cell Mutagenicity**

May be mutagenic based on limited evidence.

#### **Interactive Effects**

No information was located.

## **SECTION 12. ECOLOGICAL INFORMATION**

#### **Toxicity**

Toxic, with long lasting effects to aquatic life.

##### **Acute Aquatic Toxicity**

<b>Chemical Name</b>	<b>LC50 Fish</b>	<b>EC50 Crustacea</b>	<b>ErC50 Aquatic Plants</b>	<b>ErC50 Algae</b>
Malonic acid, diethyl ester	24 mg/L (Pimephales promelas (fathead minnow); 96-hour)			
EUGENOL	10.3-13.4 mg/L (Pimephales promelas (fathead minnow); 96-hour)			
COUMARIN	32-100 mg/L (96-hour)			

#### **Persistence and Degradability**

No information was located.

#### **Bioaccumulative Potential**

No information was located.

#### **Mobility in Soil**

Studies are not available.

#### **Other Adverse Effects**

There is no information available.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

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## Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

**USA**

**Additional USA Regulatory Lists**

New Jersey Right To Know. (Malonic acid, diethyl ester).

## SECTION 16. OTHER INFORMATION

**NFPA Rating** Health - 1 Flammability - 1 Instability - Not assigned.

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**Revision Indicators** Not applicable.

**Disclaimer** This Safety Data Sheet has been prepared in accordance with the Globally Harmonized System for the Classification and Labeling of Chemical (GHS) TO the best of our knowledge the information herein is accurate. However, the supplier makes no warranty and assume no liability resulting from its use. In No event shall the supplier be liable for any claims, losses, or damages of any third party resulting from the use of or reliance upon this information.

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