



## Material Safety Data Sheet

# Big D Pheno D Citrus Hospital Disinfectant Deodorant Total Release

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	Big D Pheno D Citrus Hospital Disinfectant Deodorant Total Release
<b>Product Identifier</b>	337
<b>MSDS No.</b>	0146
<b>Other Means of Identification</b>	Pheno D
<b>Product Family</b>	Aerosol Disinfectant
<b>Manufacturer</b>	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
<b>Supplier</b>	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
<b>Emergency Contact Information</b>	Big D Industries, 800 535 5053, 24hr (Infotrac)
<b>Use</b>	Deodorant Disinfectant

### 2. HAZARDS IDENTIFICATION

**Emergency Overview** Amber liquid. Citrus odour. FLAMMABLE AEROSOL.

#### Potential Health Effects

**Route of Exposure** Eye contact; ingestion; inhalation; skin contact.

**Inhalation** Can cause severe irritation of the nose and throat.

**Skin Contact** Repeated or prolonged exposure can irritate the skin.

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

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

**Effects of Long-Term (Chronic) Exposure** None known.

**Carcinogenicity** Not a carcinogen.

**Teratogenicity / Embryotoxicity** No information was located.

**Reproductive Toxicity** No information was located.

**Mutagenicity** No information was located.

**Medical Conditions Aggravated by Exposure** Eye conditions, skin conditions, respiratory conditions.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Liquified petroleum gas	68476-85-7	Not Available	
o-Phenylphenol	90-43-7	Not Available	

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Ethanol	64-17-5	Not Available	
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## 4. FIRST AID MEASURES

### First Aid Procedures

<b>Inhalation</b>	Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell. If breathing is difficult, trained personnel should administer emergency oxygen.
<b>Skin Contact</b>	Immediately flush with lukewarm, gently flowing water for 15-20 minutes. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If irritation or pain persists, see a doctor.
<b>Eye Contact</b>	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If irritation or pain persists, see a doctor.
<b>Ingestion</b>	Call a Poison Centre or doctor if the victim feels unwell. Have victim rinse mouth with water.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties** See Section 9 (Physical and Chemical Properties) for flash point and explosive limits. FLAMMABLE AEROSOL.

**Suitable Extinguishing Media** Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

**Unsuitable Extinguishing Media** None known.

**Specific Hazards Arising from the Chemical** Closed containers may rupture violently when heated releasing contents.

**Protective Equipment and Precautions for Firefighters** A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use the Personal Protective Equipment recommended in Section 8 of this MSDS.

**Environmental Precautions** Do not allow into any sewer, on the ground or into any waterway.

**Methods for Containment and Clean-up** Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand.

## 7. HANDLING AND STORAGE

**Handling** Only use where there is adequate ventilation.

**Storage** Store in an area that is: cool, dry, out of direct sunlight and away from heat and ignition sources.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Liquified petroleum gas	1000 ppm					
Ethanol		1000 ppm	1000 ppm			

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

**Personal Protective Equipment (PPE)**

**Eye/Face Protection** Not required but it is good practice to wear safety glasses or chemical safety goggles.

**Skin Protection** Avoid repeated or prolonged skin contact.  
Suitable materials are: neoprene rubber.

**Respiratory Protection** Not normally required if product is used as directed.

**General Hygiene Considerations** It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Amber liquid.
<b>Odour</b>	Citrus
<b>Odour Threshold</b>	Not available
<b>Boiling Point</b>	> 170 °F (77 °C)
<b>Freezing Point</b>	Not available
<b>Relative Density (water = 1)</b>	0.88 at 77 °F (25 °C)
<b>Solubility in Water</b>	Soluble in all proportions.
<b>pH</b>	Not applicable
<b>Partition Coefficient, n-Octanol/Water</b>	Not available
<b>Vapour Pressure</b>	44 mm Hg (6 kPa) at 25 °C (77 °F)
<b>Vapour Density (air = 1)</b>	> 1.00
<b>Evaporation Rate</b>	1.00 (n-butyl acetate = 1)
<b>Flash Point</b>	Not available
<b>Lower Flammable/Explosive Limit</b>	Not applicable
<b>Upper Flammable/Explosive Limit</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Normally stable.
<b>Conditions to Avoid</b>	Temperatures above 120.0 °F (48.9 °C)
<b>Incompatible Materials</b>	Strong oxidizing agents (e.g. perchloric acid). Not corrosive to metals.
<b>Hazardous Decomposition Products</b>	Very toxic carbon monoxide, carbon dioxide.
<b>Possibility of Hazardous Reactions</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

### LC50/LD50 Values

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ethanol	20000 ppm (rat)	7060 mg/kg (rat)	

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**Skin Irritation / Corrosion**

No information was located.

**Eye Irritation / Corrosion**

No information was located.

**Effects of Short-Term (Acute) Exposure****Inhalation**

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.

**Effects of Long-Term (Chronic) Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
Ethanol	Group 1	A3		

Not specifically listed.

**Teratogenicity / Embryotoxicity**

No information was located.

**Reproductive Toxicity**

No information was located.

**Mutagenicity**

No information was located.

**Toxicologically Synergistic Materials**

No information was located.

**12. ECOLOGICAL INFORMATION****General Comments** Environmental information was not located.**13. DISPOSAL CONSIDERATIONS**

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction. The container for this product can present explosion or fire hazards, even when emptied. Do not cut, puncture, or weld on or near this container.

**14. TRANSPORT INFORMATION****Shipping Information**

Regulation	UN No.	Shipping Name	Class	Packing Group
US DOT	1950	AEROSOLS	2.1	

**Other Transport Information****Special Shipping Information** Please note: US DOT Exceptions: Limited Quantity**Other Information** DOT: This material may ship by passenger plane as: UN1950, Aerosols, 2.1, Limited

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Quantity. Must have a flammable label and Limited Quantity (Y) label if shipping by air.

## 15. REGULATORY INFORMATION

### Canada

#### WHMIS Classification



Class B2



Class D2B

B2 - Flammable Liquid; D2B - Toxic

### USA

#### US OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

#### Additional USA Regulatory Lists

CERCLA: Fire Hazard

SARA Title III - Section 311/312. (Ethanol) acute, chronic, flammable.

SARA Title III - Section 313. (Ethanol) acute, chronic, flammable.

California Proposition 65. (o-Phenylphenol)

EPA Registration No.: 44446-67-7052.

## 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 3</b>	<b>Instability - 1</b>
<b>MSDS Prepared By</b>	Wayne Hegstrom		
<b>Phone No.</b>	405 682 2541		
<b>Date of Preparation</b>	January 16, 2013		

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