



## Safety Data Sheet

# Big D Pheno D Citrus Hospital Disinfectant Deodorant Total Release

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Big D Pheno D Citrus Hospital Disinfectant Deodorant Total Release
<b>Other Means of Identification</b>	033700
<b>Other Identification</b>	Pheno D
<b>Product Family</b>	Aerosol Disinfectant
<b>Recommended Use</b>	Deodorant Disinfectant.
<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>Supplier</b>	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
<b>Emergency Phone No.</b>	Big D Industries, 800 535 5053, 24hr (Infotrac)
<b>SDS No.</b>	0876

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable aerosol - Category 2; Gas under pressure - Liquefied gas; Serious eye damage/eye irritation - Category 2A

#### GHS Label Elements



Signal Word:  
Warning

#### Hazard Statement(s):

H223	Flammable aerosol.
H280	Contains gas under pressure; may explode if heated.
H319	Causes serious eye irritation.

#### Precautionary Statement(s):

##### Prevention:

P210	Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P264	Wash hands and skin thoroughly after handling.
P280	Wear eye protection/face protection.

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Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal:

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

**Other Hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Ethanol	64-17-5	50-55	
Petroleum gases, liquefied, sweetened	68476-86-8	45-50	
o-Phenylphenol	90-43-7	0.20	
p-tert-Amylphenol	80-46-6	0.05	

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Move to fresh air. Call a Poison Centre or doctor if you feel unwell or are concerned. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor.

**Skin Contact**

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If skin irritation occurs get medical advice/attention.

**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**

Call a Poison Centre or doctor if you feel unwell or are concerned. Rinse mouth with water.

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

If inhaled:

Can cause severe irritation of the nose and throat.

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**

Eye conditions, skin conditions, respiratory conditions.

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## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### 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

See Section 9 (Physical and Chemical Properties) for flash point and explosive limits. Flammable aerosol. Closed containers may rupture violently when heated releasing contents.

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

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

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

### Methods and Materials for Containment and Cleaning Up

Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Only use where there is adequate ventilation.

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

### Conditions for Safe Storage

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

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Petroleum gases, liquefied, sweetened	1000 ppm					
Ethanol		1000 ppm	1000 ppm			

### Appropriate Engineering Controls

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

### Individual Protection Measures

#### 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.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Clear colourless - yellow.
<b>Odour</b>	Citrus
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not applicable
<b>Melting Point/Freezing Point</b>	Not available (freezing)
<b>Initial Boiling Point/Range</b>	> 170 °F (77 °C)
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	1.00 (n-butyl acetate = 1)
<b>Flammability (solid, gas)</b>	Flammable gas.
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	44 mm Hg (6 kPa) at 25 °C (77 °F)
<b>Vapour Density (air = 1)</b>	> 1.00
<b>Relative Density (water = 1)</b>	0.88 at 77 °F (25 °C)
<b>Solubility</b>	Soluble in all proportions in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Temperatures above 120.0 °F (48.9 °C)

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).  
Not corrosive to metals.

### Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Eye contact; ingestion; inhalation; skin contact.

### Acute Toxicity

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Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ethanol	> 115.9 ppm (rat) (4-hour exposure)	7800 mg/kg (rat)	

**Skin Corrosion/Irritation**

No information was located.  
Repeated or prolonged exposure can irritate the skin.

**Serious Eye Damage/Irritation**

No information was located.  
Causes moderate to severe irritation. Symptoms include sore, red eyes, and tearing.

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

**Inhalation**

No information was located.  
Can cause severe irritation of the nose and throat.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.  
Can irritate the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

**Aspiration Hazard**

Not known to be an aspiration hazard.

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

None known.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
Ethanol	Group 1	A3		

Not specifically listed.  
Not a carcinogen.

**Reproductive Toxicity**

**Development of Offspring**

No information was located.  
No information was located.

**Sexual Function and Fertility**

No information was located.  
No information was located.

**Effects on or via Lactation**

No information was located.

**Germ Cell Mutagenicity**

No information was located.  
No information was located.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

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Environmental information was not located.

## Toxicity

### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Ethanol	> 100.1 mg/L (Pimephales promelas (fathead minnow); 96-hour)	7700-11200 mg/L (Daphnia magna (water flea); 48-hour)		

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

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.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	1950	AEROSOLS	2.1	

**Special Precautions for User** Please note: US DOT Exceptions: Limited Quantity

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

Not applicable

**Other Information** DOT: This material may ship by passenger plane as: UN1950, Aerosols, 2.1, Limited Quantity. Must have a flammable label and Limited Quantity (Y) label if shipping by air.

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### WHMIS Classification



Class B2



Class D2B

B2 - Flammable Liquid; D2B - Toxic

#### USA

##### US OSHA HazCom 1994 Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200 (1994)).

##### 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.

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## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 3</b>	<b>Instability - 1</b>
<b>SDS Prepared By</b>	Allin McDonald		
<b>Date of Preparation</b>	November 13, 2018		
<b>Disclaimer</b>	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.		