



Safety Data Sheet

Big D Pheno D Citrus Hospital Disinfectant Deodorant Total Release

SECTION 1. IDENTIFICATION

Product Identifier	Big D Pheno D Citrus Hospital Disinfectant Deodorant Total Release
Other Means of Identification	033700
Other Identification	Pheno D
Product Family	Aerosol Disinfectant
Recommended Use	Deodorant Disinfectant.
Restrictions on Use	None known.
Manufacturer	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
Supplier	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
Emergency Phone No.	Big D Industries, 800 535 5053, 24hr (Infotrac)
SDS No.	0445

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	40-70	
Petroleum gases, liquefied, sweetened	68476-86-8	10-30	

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.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

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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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance Clear colourless - yellow.

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Odour	Citrus
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	> 170 °F (77 °C)
Flash Point	Not available
Evaporation Rate	1.00 (n-butyl acetate = 1)
Flammability (solid, gas)	Flammable gas.
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	44 mm Hg (6 kPa) at 25 °C (77 °F)
Vapour Density (air = 1)	> 1.00
Relative Density (water = 1)	0.88 at 77 °F (25 °C)
Solubility	Soluble in all proportions in water
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)
Other Information	
Physical State	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

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

Skin Corrosion/Irritation

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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

Environmental information was not located.

Toxicity

Acute Aquatic Toxicity

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

California Proposition 65. (o-Phenylphenol)

EPA Registration No.: 44446-67-7052.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 1** **Flammability - 3** **Instability - 1**

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SDS Prepared By Wayne Hegstrom
Phone No. 405 682 2541
Date of Preparation April 09, 2015
Revision Indicators Not applicable.

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