

# Material Safety Data Sheet

## (MSDS)

Product Number: 337 Product Name: Pheno D Citrus Hospital Disinfectant Deodorant Total Release	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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### Section I

Manufacturer Name   Big D Industries, Inc.	Emergency Telephone Number   (800) 535-5053 (800) 654-4752
Address: 5620 S. W. 29th Street, Oklahoma City, OK 73179	Telephone Number for Information   (800) 654-4752 (405) 682-2541
P. O. Box 82219	Date Prepared: 01/01/2010
Oklahoma City, OK 73148	EPA Registration No. 44446-67-7052

**HMIS Rating**      Health: 1                      Flammability: 3                      Reactivity: 1                      Personal Protect: A

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Ethyl Alcohol	CAS# 64-17-5	1000 pp	1000 ppm	N/A	
O-Phenyl Phenol	CAS# 90-43-7	N/A	N/A	N/A	
Propane/N-Butane	CAS# 68476-86-8	1000 ppm	600 ppm	N/A	

### Section III - Physical/Chemical Characteristics

Boiling Point	165	Specific Gravity (H <sub>2</sub> O = 1)	0.87
Vapor Pressure (mm Hg.)	44	Melting Point	N/A
Vapor Density (AIR = 1)	1	Evaporation Rate (Butyl Acetate = 1)	>1

Solubility in Water: 100%

Appearance and Odor: Clear amber spray with citrus scent

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 68 <sup>0</sup> F    TOC	Flammable Limits N/D	LEL N/D	UEL N/D
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Extinguishing Media: Standard Chemical Fire Extinguisher

Special Fire Fighting Procedures: Self Contained Breathing Apparatus

Unusual Fire and Explosion Hazards   CONTENTS UNDER PRESSURE. Exposure to temperature above 120 F may cause bursting. Contains flammable propellant.

<b>Section V- Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid: Temperatures above 120 F
	Stable	X	
Incompatibility (Materials to Avoid): Strong Oxidizers			
Hazardous Decomposition or Byproducts: None Known			
Hazardous Polymerization	May Occur		Conditions to Avoid: Temperatures above 120 F
	Will Not Occur	X	
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry: Inhalation: Yes      Skin: Yes      Ingestion: Yes			
Health Hazards (Acute and Chronic): INHALATION: May irritate mouth, nose, and throat leading to sleep and stupor. SKIN: Causes drying and irritation. EYES: Severe irritation. INGESTION: Harmful or fatal depending on amount consumed.			
Carcinogenicity: NTP: No      IARC Monographs: No      OSHA Regulated: No			
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE			
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency and First Aid Procedures: INHALATION: Remove to fresh air. SKIN OR EYES: Flush with water for 15 minutes, see physician if irritation persists. INGESTION: Induce vomiting, give copious amount of water and call physician.			
<b>Section VII - Precautions for Safe Handling and Use</b>			
Steps to be Taken in Case Material is Released or Spilled: Mop or wipe up spill. Dispose of in accordance with federal, state, and local guidelines.			
Waste Disposal Method: Wrap container and place in trash collection. Do not puncture or incinerate container.			
Precautions to be Taken in Handling and Storing: Store in a cool, dry area away from heat, flame, or sparks.			
Other Precautions: Exposure to temperatures >120 F may cause bursting			
<b>Section VIII - Control Measures</b>			
Respiratory Protection (Specify Type): N/A			
Ventilation	Local Exhaust: Adequate		Special: N/A
	Mechanical (General): N/A		Other: N/A
Protective Gloves: Only if repeated contact w/skin occurs.		Eye Protection: Safety glasses are recommended whenever chemicals are used.	
Other Protective Clothing or Equipment: N/A			
Work/Hygienic Practices: Wash hands after use.			

N/A = Not Applicable

N/D = Not Determined

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N/E = Not Established

OSHA 174, Sept. 1985

**U.S. DEPARTMENT OF LABOR**

Occupational Safety and Health (Non-Mandatory Form) Form Approved OMB No. 1218-0072