



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. | 0876 |

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable aerosol - Category 2; Gas under pressure - Compressed gas; Serious eye damage/eye irritation - Category 2A; Specific target organ toxicity (single exposure) - Category 3

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.

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

| | |
|---|--|
| Appearance | Clear colourless - yellow. |
| 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

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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

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 |
|--------------|--------|----------------------|----------------------------|---------------|
| IATA (Air) | 1950 | Aerosols, flammable | 2.1 | |
| US DOT | 1950 | Aerosols, flammable | 2.1 | |
| IMO (Marine) | 1950 | Aerosols, flammable | 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

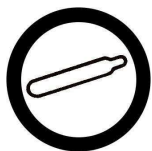
Other Information DOT: This material may ship by passenger plane as: UN1950, Aerosols, 2.1, Limited Quantity. Must have a flammable label and Limited Quantity (Y) label if shipping by air.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

WHMIS Classification



Class A



Class B5



Class D2B

A - Compressed Gas; B5 - Flammable Aerosol; D2B - Toxic

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

USA

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

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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**

Date of Preparation September 25, 2019

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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