



# Material Safety Data Sheet

## Big D Fab D

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Big D Fab D  
**Product Identifier** 222  
**MSDS No.** 0075  
**Other Means of Identification** Fab D  
**Product Family** Liquid Deodorants  
**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 Contact Information** Big D Industries, 800 535 5053, 24hr (Infotrac)  
**Use** Deodorant

### 2. HAZARDS IDENTIFICATION

#### Potential Health Effects

**Route of Exposure** Inhalation; skin contact; eye contact; ingestion.  
**Inhalation** Can cause severe irritation of the nose and throat.  
**Skin Contact** May cause mild irritation.  
**Eye Contact** EYE IRRITANT.  
**Ingestion** Can irritate the mouth, throat and stomach.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Alcohols, C12-14, ethoxylated, liquids	68439-50-9	<1.0	
Fragrance	No CAS	0.1-5.0	
Dichloroacetic acid	79-43-6	<0.01	
2-Propanol	67-63-0	0.1-5.0	
Citric acid	77-92-9	0.1-5.0	
Polyethylene glycol octylphenyl ether, liquids	9036-19-5	0.1-5.0	

### 4. FIRST AID MEASURES

#### First Aid Procedures

**Inhalation** Call a Poison Centre or doctor if the victim feels unwell.  
**Skin Contact** Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 minutes.  
**Eye Contact** 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.

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**Ingestion** Have victim rinse mouth with water. Call a Poison Centre or doctor if the victim feels unwell.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties** Does not burn.

**Suitable Extinguishing Media** Not combustible. Use extinguishing agent suitable for surrounding fire.

**Unsuitable Extinguishing Media** None known.

**Specific Hazards Arising from the Chemical** This product presents no unusual hazards in a fire situation.

**Protective Equipment and Precautions for Firefighters** No special precautions are necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** No special precautions are necessary.

**Environmental Precautions** It is good practice to prevent releases into the environment.

**Methods for Containment and Clean-up** No special clean-up methods are necessary.

## 7. HANDLING AND STORAGE

**Handling** No special handling precautions are necessary.

**Storage** No special requirements for storage area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Propanol	200 ppm	400 ppm	400 ppm			
Polyethylene glycol octylphenyl ether, liquids			10 mg/m <sup>3</sup>			

**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 if product is used as directed.

**Skin Protection** Not required, if used as directed.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Liquid

**Appearance** Cloudy amber liquid. Colour darkens on exposure to light.

**Particle Size** Not applicable

**Odour** Fragrant (Fragrance)

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<b>Odour Threshold</b>	Not available
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable
<b>Boiling Point</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Relative Density (water = 1)</b>	>= 1.00 at 20 °C
<b>Bulk Density</b>	Not available
<b>Solubility in Water</b>	Very soluble.
<b>Solubility in Other Liquids</b>	Not available
<b>pH</b>	Not available
<b>Partition Coefficient, n-Octanol/Water</b>	Not available
<b>Viscosity-Kinematic</b>	Not available
<b>Surface Tension</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available
<b>Critical Temperature</b>	Not available
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	> 200 °F (93 °C)
<b>Lower Flammable/Explosive Limit</b>	Not applicable
<b>Upper Flammable/Explosive Limit</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not applicable
<b>Electrical Conductivity</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Normally stable.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	None known.
<b>Possibility of Hazardous Reactions</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

### LC50/LD50 Values

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Propanol	19000 ppm (female mouse) (vapour)	4700-5800 mg/kg (rat)	13000 mg/kg (rabbit)

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Citric acid		3000 mg/kg (rat)	
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**Eye Irritation / Corrosion**

May cause moderate or severe irritation based on information for closely related materials.

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

**Inhalation**

No information was located.

**Skin Absorption**

No information was located.

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

No information was located.

**Respiratory and/or Skin Sensitization**

Not a respiratory sensitizer. Not a skin sensitizer.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Propanol		A4		

**Teratogenicity / Embryotoxicity**

No information was located.

No information was located for: Skin Irritation / Corrosion, Carcinogenicity, Mutagenicity, Toxicologically Synergistic Materials

**12. ECOLOGICAL INFORMATION**

**General Comments** Environmental information was not located.

**13. DISPOSAL CONSIDERATIONS**

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

**14. TRANSPORT INFORMATION**

**Shipping Information**

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Other Transport Information**

**Special Shipping Information** Not applicable

**15. REGULATORY INFORMATION**

**Canada**

**WHMIS Classification**



Class D2B

D2B - Toxic (Eye irritant)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

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

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

**CEPA - National Pollutant Release Inventory (NPRI)**

(2-Propanol) Part 1A Part 5. (Polyethylene glycol octylphenyl ether, liquids) Part 1A.

**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**

California Proposition 65. (Polyethylene glycol octylphenyl ether, liquids) Due to the manufacturing process there may be trace amounts of 1,4-Dioxane, Ethylene Oxide, Acetaldehyde, and Formaldehyde.

California Proposition 65. (Dichloroacetic acid) Due to the manufacturing process, trace amounts of dichloroacetic acid are present.

**16. OTHER INFORMATION**

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 2</b>	<b>Instability - 0</b>
<b>MSDS Prepared By</b>	Wayne Hegstrom		
<b>Phone No.</b>	405 682 2541		
<b>Date of Preparation</b>	May 07, 2012		