



# Material Safety Data Sheet

## Big D EX-IT Laundry Additive

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	Big D EX-IT Laundry Additive
<b>Product Identifier</b>	228
<b>MSDS No.</b>	0097
<b>Other Means of Identification</b>	EX-IT Laundry Additive
<b>Product Family</b>	EX-IT Products
<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 Contact Information</b>	Big D Industries, 800 535 5053, 24hr (Infotrac)
<b>Use</b>	Fabric Softener

### 2. HAZARDS IDENTIFICATION

**Emergency Overview** Clear amber. Colour darkens on exposure to light. Fragrant (Fragrance) odour. Presents little or no hazard if accidentally released.

#### Potential Health Effects

<b>Route of Exposure</b>	Inhalation; skin contact; eye contact; ingestion.
<b>Inhalation</b>	Can irritate the nose and throat.
<b>Skin Contact</b>	May cause mild irritation.
<b>Eye Contact</b>	May cause mild irritation.
<b>Ingestion</b>	Can cause effects as described for inhalation.
<b>Carcinogenicity</b>	No information was located.
<b>Teratogenicity / Embryotoxicity</b>	No information was located.
<b>Reproductive Toxicity</b>	No information was located.
<b>Mutagenicity</b>	No information was located.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Polyethylene glycol octylphenyl ether, liquids	9036-19-5	5.0-20	
Imidazolium compounds, 4, 5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl),Me sulfates	68122-86-1	0.1-5.0	
2-Propanol	67-63-0	0.1-5.0	
Fragrance	No CAS	0.1-5.0	
Dipropylene glycol monomethyl ether	34590-94-8	0.1-5.0	

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## 4. FIRST AID MEASURES

### First Aid Procedures

<b>Inhalation</b>	Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell.
<b>Skin Contact</b>	Flush with lukewarm, gently flowing water for 5 minutes.
<b>Eye Contact</b>	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If irritation or pain persists, see a doctor.
<b>Ingestion</b>	Have victim rinse mouth with water. Call a Poison Centre or doctor if the victim feels unwell.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties** Can ignite if strongly heated.  
**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.

## 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** Avoid repeated or prolonged skin contact with product or with contaminated equipment/surfaces.  
**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
Polyethylene glycol octylphenyl ether, liquids			10 mg/m <sup>3</sup>			
2-Propanol	200 ppm	400 ppm	400 ppm			
Fragrance			15 ppm			
Dipropylene glycol monomethyl ether	100 ppm	150 ppm	600 mg/m <sup>3</sup>			

**Exposure Guideline Comments** TWA = Time-Weighted Average. STEL = Short-term Exposure Limit. ACGIH® = American Conference of Governmental Industrial Hygienists. OSHA = US Occupational Safety and Health Administration.

**Engineering Controls** The hazard potential of this product is relatively low. General ventilation is usually adequate.  
**Personal Protective Equipment (PPE)**

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**Skin Protection** Prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear amber. Colour darkens on exposure to light.
<b>Particle Size</b>	Not available
<b>Odour</b>	Fragrant (Fragrance)
<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>	Not available
<b>Solubility in Water</b>	Soluble.
<b>pH</b>	Not available
<b>Partition Coefficient, n-Octanol/Water</b>	Not available
<b>Viscosity-Kinematic</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	> 200 °F (93 °C)
<b>Lower Flammable/Explosive Limit</b>	Not available
<b>Upper Flammable/Explosive Limit</b>	Not available
<b>Auto-ignition Temperature</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

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

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Dipropylene glycol monomethyl ether		5135 mg/kg	9500 mg/kg
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**Skin Irritation / Corrosion**

No information was located.

**Eye Irritation / Corrosion**

No information was located.

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

**Inhalation**

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.

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

No information was located.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Propanol		A4		

(2-Propanol) A4 – Not classifiable as a human carcinogen.

Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists.

**Teratogenicity / Embryotoxicity**

No information was located.

**Reproductive Toxicity**

No information was located.

**Mutagenicity**

No information was located.

**Toxicologically Synergistic Materials**

No information was located.

**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** Not applicable

## 15. REGULATORY INFORMATION

### Canada

#### WHMIS Classification



Class D2B

#### D2B - Toxic

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.

### USA

#### US OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

#### 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: Due to the manufacturing process there may be trace amounts of 1,4-Dioxane, Ethylene Oxide, Acetaldehyde, and Formaldehyde.

## 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 2</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>	June 26, 2012		

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