Material Safety Data Sheet

Big D EX-IT Laundry Additive

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Big D EX-IT Laundry Additive
Product Identifier	228
MSDS No.	0437
Other Means of Identification	EX-IT Laundry Additive
Product Family	EX-IT Products
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	Fabric Softener

2. HAZARDS IDENTIFICATION

Emergency Overview   Fragrant (Fragrance) odour. Presents little or no hazard if accidentally released.

Potential Health Effects

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration %	Other Identifiers
Alcohol Ethoxylate	Proprietary	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	

4. FIRST AID MEASURES

First Aid Procedures

Inhalation	Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell.
Skin Contact	Flush with lukewarm, gently flowing water for 5 minutes.
Eye Contact	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.
Ingestion	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

	ACGIH TLV®		OSHA PEL		AIHA WEEL	
Chemical Name	**TWA**	**STEL**	**TWA**	**Ceiling**	**8-hr TWA**	**TWA**
2-Propanol	200 ppm	400 ppm	980 mg/m3			
Fragrance			15 ppm			
Dipropylene glycol monomethyl ether	100 ppm	150 ppm	600 mg/m3			

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)

Skin Protection	Prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Particle Size	Not available
Odour	Fragrant (Fragrance)
Odour Threshold	Not available
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Boiling Point	Not available
Decomposition Temperature	Not available
Melting Point	Not available
Freezing Point	Not available
Relative Density (water = 1)	Not available
Solubility in Water	Soluble
pH	Not available
Partition Coefficient, n-Octanol/Water	Not available
Viscosity-Kinematic	Not available
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Evaporation Rate	Not available
Flash Point	> 200 ºF (93 ºC)
Lower Flammable/Explosive Limit	Not available
Upper Flammable/Explosive Limit	Not available
Auto-ignition Temperature	Not available

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

LC50/LD50 Values

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Propanol	72.6 mg/L (rat) (vapour)	4396 mg/kg (rat)	12870 mg/kg (rabbit)
Dipropylene glycol monomethyl ether		5135 mg/kg	9500 mg/kg

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 Information   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 (1994)), 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.

16. OTHER INFORMATION

NFPA Rating   **Health - 1**   **Flammability - 2**   **Instability - 0**

Date of Preparation   February 02, 2023