



Safety Data Sheet

Big D EX-IT Laundry Additive

SECTION 1. IDENTIFICATION

Product Identifier	Big D EX-IT Laundry Additive
Other Means of Identification	422800, 464500, 522800, 564500, 722800, 822800, 822801, 822855, & C0422803
Other Identification	EX-IT Laundry Additive
Product Family	EX-IT Products
Recommended Use	Fabric Softener.
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.	0438

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 1; Skin sensitization - Category 1; Germ cell mutagenicity - Category 1B; Carcinogenicity - Category 1A

GHS Label Elements



Signal Word:
Danger

Hazard Statement(s):

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H340	May cause genetic defects.
H350	May cause cancer.

Precautionary Statement(s):

Prevention:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust, fume, gas, mist, vapours or spray.
P264	Wash hands and skin thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P310 Immediately call a POISON CENTRE/doctor.

P321 Specific treatment (see on this label).

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

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

Chemical Name	CAS No.	%	Other Identifiers
Poly(oxy-1,2-ethanediyl), alpha-octyl- omega-hydroxy-	27252-75-1	7.14	
2-Propanol	67-63-0	4.22	
Imidazolium compounds, 4, 5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl),Me sulfates	68122-86-1	3.70	
Dipropylene glycol monomethyl ether	34590-94-8	0.99	
Pine oil	8002-09-3	0.33	
n-Amyl acetate	628-63-7	0.31	
Terpenes and Terpenoids, sweet orange-oil	68647-72-3	0.30	
ALPHA-TERPINEOL	98-55-5	0.24	
Terpineol, acetate	8007-35-0	0.24	
2-Methylbutyl acetate	624-41-9	0.16	
Naphtha (petroleum), heavy alkylate	64741-65-7	0.11	
CITRAL	5392-40-5	0.10	

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.

Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes.

Eye Contact

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Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

Ingestion

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled:

Can irritate the nose and throat.

If on skin:

May cause mild irritation.

If in eyes:

May cause mild irritation.

If swallowed:

Can cause effects as described for inhalation.

Immediate Medical Attention and Special Treatment

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Chemical

Can ignite if strongly heated.

This product presents no unusual hazards in a fire situation.

Very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

No special clean-up methods are necessary.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid repeated or prolonged skin contact with product or with contaminated equipment/surfaces.

Conditions for Safe Storage

No special requirements for storage area.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Propanol	200 ppm	400 ppm	980 mg/m3			
Dipropylene glycol monomethyl ether	100 ppm	150 ppm	600 mg/m3			
n-Amyl acetate	50 ppm	100 ppm	525 mg/m3			
2-Methylbutyl acetate	50 ppm	100 ppm				
CITRAL	5 ppm					

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

Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Prevent skin contact.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	liquid. Particle Size: Not available
Odour	Fragrant (Fragrance)
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 200 °F (93 °C)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic)
Other Information	
Physical State	Liquid

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Molecular Formula Not applicable
Molecular Weight Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

None known.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

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
CITRAL		4950 mg/kg (rat)	> 2000 mg/kg (rat)

Skin Corrosion/Irritation

No information was located.

May cause mild irritation.

Serious Eye Damage/Irritation

No information was located.

May cause mild irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Can irritate the nose and throat.

Skin Absorption

No information was located.

Ingestion

No information was located.

Can cause effects as described for inhalation.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

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No information was located.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Propanol		A4		

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

No information was located.

Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists.

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
2-Propanol	9640 mg/L (Pimephales promelas (fathead minnow); 96-hour)	13299 mg/L (Daphnia magna (water flea); 48-hour)		> 1000 mg/L (96-hour)
Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-		> 100 mg/L (Daphnia magna (water flea); 48-hour)		
n-Amyl acetate	65 mg/L (96-hour)			

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

SECTION 14. TRANSPORT INFORMATION

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

Special Precautions for User Not applicable

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Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

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 SDS 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

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: Methanol (CAS 67-56-1) Ethylene Oxide (CAS 75-21-8) Formaldehyde (CAS 50-00-0) 1, 4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0)

California Proposition 65 - Developmental Toxin: Methanol (CAS 67-56-1) Ethylene Oxide (CAS 75-21-8)

New Jersey Right To Know. (2-Propanol). (Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-). (Pine oil).

(n-Amyl acetate) Benzyl Acetate (CAS 140-11-4) Ethyl Acetate (CAS 141-78-6) Ethyl Butyrate (CAS 105-54-4)

Pin-2(3)-ene (CAS 80-56-8)

Pennsylvania Right To Know. (Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-). (2-Propanol) Pin-2(3)-ene

(CAS 80-56-8). (n-Amyl acetate) Methyl Salicylate (CAS 119-36-8) Ethyl Acetate (CAS 141-78-6) Ethyl Butyrate

(CAS 105-54-4)

Rhode Island Right To Know. (n-Amyl acetate) Ethyl Acetate (CAS 141-78-6)

Massachusetts Right To Know: Ethyl Acetate (CAS 141-78-6) Ethyl Butyrate (CAS 105-54-4) Pin-2(3)-ene (CAS

80-56-8). (n-Amyl acetate)

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 1
SDS Prepared By	Wayne Hegstrom
Phone No.	405 682 2541
Date of Preparation	April 08, 2015
Revision Indicators	Not applicable.

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