



## Safety Data Sheet

# Big D Drip Deodorant Concentrate, Mountain Air

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Big D Drip Deodorant Concentrate, Mountain Air
<b>Other Means of Identification</b>	159100 & C0459103
<b>Other Identification</b>	Drip Deodorant Concentrate, Mountain Air
<b>Product Family</b>	Liquid Deodorants
<b>Recommended Use</b>	Deodorant.
<b>Restrictions on Use</b>	None known.
<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 Phone No.</b>	Big D Industries, 800 535 5053, 24hr (Infotrac)
<b>SDS No.</b>	0440

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 1; Skin sensitization - Category 1; Toxic to reproduction - Category 2

#### 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.
H361	Suspected of damaging fertility or the unborn child.

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

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**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.

**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

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Other components below reportable Levels	No CAS	62.88	
1,2-Propylene glycol	57-55-6	14.3	
Poly(oxy-1,2-ethanediyl), alpha-octyl- omega-hydroxy-	27252-75-1	18.93	
7-Octen-2-ol, 2-methyl-6-methylene-, dihydro deriv.	53219-21-9	0.62	
Linalyl Acetate	115-95-7	0.43	
LINALYL ALCOHOL	78-70-6	0.31	
Eucalyptus oil	8000-48-4	0.25	
2-Propanol	67-63-0	2.08	
Acetic acid, (4-tert-butylcyclohexyl) ester	32210-23-4	0.15	
COUMARIN	91-64-5	0.13	
4,7-Methanoinden-6-ol, 3a,4,5,6,7,7a-hexahydro-, acetate	5413-60-5	0.13	
2-Heptanol, 2,6-dimethyl-	13254-34-7	0.12	
Terpenes and Terpenoids, lime-oil	68917-71-5	0.10	

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Move to fresh air.

**Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

**Eye Contact**

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Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

#### **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 on skin:

May cause mild irritation.

#### **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**

Does not burn.

This product presents no unusual hazards in a fire situation.

Not known to generate any hazardous decomposition products in a fire.

### **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**

Contain and soak up spill with absorbent that does not react with spilled product.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

No special handling precautions are necessary.

### **Conditions for Safe Storage**

No special requirements for storage area.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA

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2-Propanol	200 ppm	400 ppm	980 mg/m3			
Poly(oxy-1,2-ethanediyl), alpha-octyl-omega -hydroxy-			10 mg/m3			
1,2-Propylene glycol			10 mg/m3			

ACGIH® = American Conference of Governmental Industrial Hygienists. TWA = Time-Weighted Average. STEL = Short-term Exposure Limit.

#### 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

Not required, if used as directed.

##### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Clear liquid. Particle Size: Not applicable
<b>Odour</b>	Fragrant (Fragrance)
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	> 212 °F (100 °C)
<b>Flash Point</b>	> 200 °F (93 °C) (closed cup)
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	~ 1 at 68 °F (20 °C)
<b>Solubility</b>	Soluble in all proportions in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable
<b>Bulk Density</b>	Not available
<b>Surface Tension</b>	Not available
<b>Critical Temperature</b>	Not available
<b>Electrical Conductivity</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available

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Saturated Vapour Concentration Not available

## 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

Skin contact; eye contact; ingestion; inhalation.

### 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)
1,2-Propylene glycol		22000 mg/kg (mouse)	20800 mg/kg (rabbit)
Linalyl Acetate		14550 mg/kg (rat)	> 5000 mg/kg (rabbit)
LINALYL ALCOHOL		3000 mg/kg (mouse)	5610 mg/kg (rat)
COUMARIN		293 mg/kg (rat)	

### Skin Corrosion/Irritation

No information was located.

### Serious Eye Damage/Irritation

No information was located.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

No information was located.

#### Skin Absorption

No information was located.

#### Ingestion

No information was located.

### Aspiration Hazard

No information was located.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

### Respiratory and/or Skin Sensitization

No information was located.

### Carcinogenicity

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Chemical Name	IARC	ACGIH®	NTP	OSHA
2-Propanol		A4		

ACGIH®: A4 – Not classifiable as a human carcinogen.

#### Reproductive Toxicity

##### Development of Offspring

No information was located.

##### Sexual Function and Fertility

No information was located.

##### Effects on or via Lactation

No information was located.

#### Germ Cell Mutagenicity

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)
COUMARIN	32-100 mg/L (96-hour)			

## SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

This product is a non-hazardous waste.

## SECTION 14. TRANSPORT INFORMATION

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

**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

#### Safety, Health and Environmental Regulations

##### Canada

##### WHMIS Classification

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Class D2B

D2B - Toxic (Eye irritant)

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.

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

Part 1A. (Polyethylene glycol octylphenyl ether, liquids)

Part 1A. (2-Propanol)

Part 5. (2-Propanol)

**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: 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: Ethylene Oxide (CAS 75-21-8)

Massachusetts Right To Know. (2-Propanol) Pin-2(3)-ene (CAS 80-56-8)

New Jersey Right To Know. (2-Propanol) p-Mentha-1,4(8)-diene (CAS 586-62-9) Pin-2(3)-ene (CAS 80-56-8)

Benzyl Acetate (CAS 140-11-4)

Pennsylvania Right To Know. (2-Propanol) Pin-2(3)-ene (CAS 80-56-8)

Rhode Island Right To Know. (2-Propanol)

**SECTION 16. OTHER INFORMATION**

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

**SDS Prepared By**              Wayne Hegstrom

**Phone No.**                        405 682 2541

**Date of Preparation**          April 08, 2015

**Additional Information** Please Note: This MSDS pertains to batch labels 292000 and higher of the above referenced product (see section 1). Batches before January 1st, 2013 should use the previously issued MSDS. Contact Big D Industries for the prior MSDS.

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