



# Safety Data Sheet

## Big D Drip Deodorant Concentrate, Orange

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Big D Drip Deodorant Concentrate, Orange
<b>Other Means of Identification</b>	159200 & C0459201
<b>Other Identification</b>	Drip Deodorant Concentrate, Orange
<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>	0441

### 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

Chemical Name	CAS No.	%	Other Identifiers
1,2-Propylene glycol	57-55-6	14.3	
Poly(oxy-1,2-ethanediyl), alpha-octyl- omega-hydroxy-	27252-75-1	18.93	
d-Limonene	5989-27-5	1.07	
Diethyl phthalate	84-66-2	0.71	
OCTYLALDEHYDE	124-13-0	0.36	
DECALDEHYDE	112-31-2	0.19	
LINALYL ALCOHOL	78-70-6	0.18	
2-Propanol	67-63-0	2.08	
Orange, sweet, ext.	8028-48-6	0.15	

### 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**

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.

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## 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
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			
Diethyl phthalate	5 mg/m3					
d-Limonene					165.5 mg/m3	

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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
<b>Saturated Vapour Concentration</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

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**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 ALCOHOL		3000 mg/kg (mouse)	5610 mg/kg (rat)
OCTYLALDEHYDE		5630 mg/kg (rat)	6350 mg/kg (rabbit)
Diethyl phthalate	> 4.64 mg/L (rat)	9500-31000 mg/kg (rat)	> 22400 mg/kg (rat)
d-Limonene		5600-6600 mg/kg (mouse)	5000 mg/kg (rabbit)

**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**

Chemical Name	IARC	ACGIH®	NTP	OSHA

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2-Propanol		A4		
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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)
Diethyl phthalate	12 mg/L (Oncorhynchus mykiss (rainbow trout); 72-hour)	86 mg/L (Daphnia magna (water flea); 48-hour)		
d-Limonene	0.619-0.796 mg/L (Pimephales promelas (fathead minnow); 96-hour)	69.6 mg/L (Daphnia pulex (water flea); 48-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**

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## 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 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. (Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-) Massachusetts Right To Know. (2-Propanol). (Diethyl phthalate). (OCTYLALDEHYDE)

New Jersey Right To Know. (2-Propanol). (Diethyl phthalate). (d-Limonene)

Pennsylvania Right To Know. (2-Propanol). (Diethyl phthalate)

Rhode Island RTK hazardous substances. (2-Propanol). (Diethyl phthalate)

## 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

**Revision Indicators**        Not applicable.

**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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