



## Safety Data Sheet

# Big D Toilet Concentrate

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Big D Toilet Concentrate
<b>Other Means of Identification</b>	067900, 167900, 367900, 367903, 467900, 567900, & C0467903
<b>Other Identification</b>	Toilet Concentrate
<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, 405 682 2541, 8-4:30 Monday-Friday
<b>SDS No.</b>	0450

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Acute toxicity (Oral) - Category 4; Acute toxicity (Dermal) - Category 4; Acute toxicity (Inhalation) - Category 4; Serious eye damage/eye irritation - Category 2A

#### GHS Label Elements



Signal Word:  
Warning

#### Hazard Statement(s):

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

#### Precautionary Statement(s):

##### Prevention:

P261	Avoid breathing dust, fume, gas, mist, vapours or spray.
P264	Wash hands and skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing.
P280	Wear eye protection/face protection.

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**Response:**

- P301 + P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTRE/doctor if you feel unwell.  
P321 Specific treatment (see on this label).  
P330 Rinse mouth.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

**Storage:**

- P401 Store in accordance with local, regional, national and international regulations.

**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	95.8	
Poly(oxy-1,2-ethanediyl), alpha-octyl- omega-hydroxy-	27252-75-1	1.97	
Benzaldehyde	100-52-7	1.06	
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	0.56	
Ethyl acetate	141-78-6	0.26	
Benzyl acetate	140-11-4	0.18	
n-Amyl acetate	628-63-7	0.17	

### 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**

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If on skin:  
May cause mild irritation.  
If swallowed:  
Can irritate the mouth, throat and stomach.

#### 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
Poly(oxy-1,2-ethanediyl), alpha-octyl-omega -hydroxy-			10 mg/m3			
n-Amyl acetate	50 ppm	100 ppm	525 mg/m3			
Benzyl acetate	10 ppm					

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Ethyl acetate	400 ppm		1400 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.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	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)
Benzyl acetate		830 mg/kg (mouse)	> 5000 mg/kg (rabbit)
Ethyl acetate	16000 mg/L (rat)	5600 mg/m <sup>3</sup> (rat) (2-hour exposure)	
Benzaldehyde		> 1300 mg/kg (rat)	> 2000 mg/kg (guinea pig)

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

**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**

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

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## 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
n-Amyl acetate	65 mg/L (96-hour)			
Ethyl acetate	200.32-225.42 mg/L (48-hour)			
Benzaldehyde	0.8-1.44 mg/L (Lepomis macrochirus (bluegill); 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



Class D2B

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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.

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

**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)

Pennsylvania Right To Know. (Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-). (Benzaldehyde). (Ethyl acetate). (n-Amyl acetate) Ethanol (CAS 64-17-5)

New Jersey Right To Know. (Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-). (Benzyl acetate). (Ethyl acetate). (Benzaldehyde). (n-Amyl acetate) Ethanol (CAS 64-17-5)

Massachusetts Right To Know. (n-Amyl acetate). (Ethyl acetate). (Benzaldehyde)

Rhode Island Right To Know. (Ethyl acetate). (n-Amyl acetate)

**SECTION 16. OTHER INFORMATION**

<b>NFPA Rating</b>	<b>Health - 0</b>	<b>Flammability - 0</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Wayne Hegstrom		
<b>Phone No.</b>	405 682 2541		
<b>Date of Preparation</b>	April 10, 2015		
<b>Revision Indicators</b>	Not applicable.		

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