

# Material Safety Data Sheet

May be used to comply with  
OSHA-S Hazard Communication Standard  
29 CFR 2910.1200. Standard must be  
consulted for specific requirements.

# U.S. DEPARTMENT OF LABOR

Occupational Safety and Health  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

Identity (As Used on Label and List) #306, 313, 315, 316, 317, 324, 347, 350, 353, 354, 355, 356, 358, 599, 641, 672, 611, 612, 613, 616, 617, 618, 655, 656, 673 Big D Water Soluble Deodorant	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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## Section I

Manufacturer=s Name Big D Industries, Inc.	Emergency Telephone Number (800) 535-5053 (800) 654-4752
Address (number, Street, City, State, and ZIP Code) 5620 S. W. 29th Street (73179)	Telephone Number for Information (800) 654-4752 (405) 682-2541
P. O. Box 82219	Date Prepared 01/01/2007
Oklahoma City, OK 73148	Signature of Preparer (optional)

## Section II - HMIS Rating

Health 1	Flammability 2	Reactivity 0
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## Section III - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s)) %(optional)	OSHA PEL	ACGIH TLV	Other Limits Rcmnd.
Isopropanol CAS #67-63-0	400 ppm	400 ppm	-
Petroleum Distillate CAS #64741-65-7	100 ppm	100 ppm	-
Octylphenoxy Polyethoxy Ethanol CAS #9036-19-5	None	None	
Dipropylene Glycol Methyl Ether CAS #20324-32-7	100 ppm	150 ppm	

## Section IV - Physical/Chemical Characteristics

Boiling Point	N.D.	Specific Gravity (H <sub>2</sub> O = 1)	0.99
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate	<1
Amyl Acetate CAS #123-92-2	100 ppm	100 ppm	

## Section V - Fire and Explosion Hazard Data

Flash Point (Method Used) N.D.	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media	Carbon dioxide, dry foam, water spray		
Special Fire Fighting Procedures	None		
Unusual Fire and Explosion Hazards	None		

Appearance and Odor: Various clear colored liquid with various pleasant fragrances.

**Section VI - Reactivity Data**

Stability	Unstable		Conditions to Avoid: None
	Stable	X	

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents such as nitric acid.

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur	X	

**Section VII - Health Hazard Data**

Route(s) of Entry: Inhalation? Yes      Skin? Yes      Ingestion? Yes

Health Hazards (Acute and Chronic):

Acute - Oral toxicity LD50 (Rats) - 15.2 g/kg.

Chronic - Low order of toxicity; frequent or prolonged contact may irritate skin.

Carcinogenicity: NTP? No      IARC Monographs? No      OSHA Regulated? No

Signs and Symptoms of Exposure: None known

Medical Conditions

Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures: Eye contact: flush with large amounts of water. May cause corneal damage on prolonged contact. Seek medical attn.

Ingestion: Do not give anything by mouth to an unconscious person. Seek Medical attn. Inhalation: remove person to fresh air . Seek medical attn.

**Section VIII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled:

Absorb with inert absorbent material. Wash unrecoverable material down the drain with water.

Waste Disposal Method:

Incineration or landfill for absorbent material. Dispose in accordance with local, state, and federal regulations.

Precautions to be Taken in Handling and Storing: Do not store near heat or open flame

Other precautions: None

**Section IX - Control Measures**

Respiratory Protection (Specify Type): None required

Ventilation	Local Exhaust	adequate	Special	N/A
	Mechanical (General)	adequate	Other	N/A

Protective Gloves: Rubber or plastic for prolonged contact      Eye Protection: Safety goggles for splash protection

Other Protective Clothing or Equipment: Eye wash/shower facility nearby

Work/Hygienic Practices: Good housekeeping practices. Avoid skin/eye contact.