

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) #644, 645 Wash D	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.		
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 01/01/1999		
Oklahoma City, OK 73148	Signature of Preparer (optional)		

Section II - HMIS Rating			
Health 3	Flammability 2	Reactivity 0	

Section III - Hazardous Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity: Common Name(s)) %(optional)	OSHA PEL	ACGIH TLV	Other Limits Remnd.
Isopropanol CAS #67-63-0	400 ppm	400 ppm	
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride CAS #68956-79-6	N/L	N/L	
Alkyl Dimethyl Benzyl Ammonium Chloride CAS #68391-01-5	N/L	N/L	
Dipropylene Glycol Methyl Ether CAS #20324-32-7	100 ppm	100 ppm	
Petroleum Distillate CAS #64741-65-7	100 ppm	100 ppm	
Octylphenony Polythoxy Ethanol CAS #9036-19-5	None	None	

Section IV - Physical/Chemical Characteristics			
Boiling Point		Specific Gravity (H ₂ O = 1)	N/D
Vapor Pressure (mm Hg.)		Melting Point	N/A
Vapor Density (AIR = 1)		Evaporation Rate	N/D

Solubility in Water:	100%
Appearance and Odor:	Clear liquid with pleasant fragrance.

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		

N/A = Not Applicable

N/D = Not Determined

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N/E = Not Established

N/L = Not Listed

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: Hydrogen Chloride gas			
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 - Liquid splashed in eyes can cause corneal damage on prolonged contact. Chronic - Prolonged skin contact may cause irritation.			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure: Eye contact will cause redness.			
Medical Conditions			
Generally Aggravated by Exposure: None known			
Emergency and First Aid Procedures: Eye contact: Flush with large amounts of water. If irritation persists, seek medical attention. Ingestion: Give large amounts of water and induce vomiting. Seek medical attention.			

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.			