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## Section 1 – Product Identity as used on Label

### FLOOR SEALER

MSDS Prepared: June 1999

Manufacturer: Spartan Chemical Company, Inc.  
110 N. Westwood Ave.  
Toledo, OH 43607

# MATERIAL SAFETY DATA SHEET (MSDS)

## Section 2 – Hazardous Ingredients/Identity Information

Hazardous Components <i>(Specific Chemical Identity/Common Names(s))</i>	CAS #	TWA	STEL	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Dibutyl phthalate*	84-74-2	5	N/D	N/D	N/E	N/D	1.6
Diethylene glycol monoethyl ether*	111-90-0	N/E	N/E	N/D	N/E	N/D	6.5

\*This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (SARA) and of 40 CFR 372.

NFPA Ratings: Health: 1 Fire: 0 React: 0 Specific Hazard: N/D

HMIS Ratings: Health: 1 Fire: 0 React: 0 PPI: B

## Section 3 – Physical/Chemical Characteristics

### Boiling Point

210°F

### Vapor Pressure (mm Hg)

18 at 75°F

### Vapor Density (Air=1)

Unknown

### Solubility in Water

Complete

### Appearance and Odor

Milky emulsion, acrylic odor

### Specific Gravity (H<sub>2</sub>O=1)

1.029

### Melting Point

N/A

### Evaporation Rate (Butyl Acetate=1)

<1

### pH

8.0-8.5

### Percent Volatile Organics

N/D

## Section 4 – Fire and Explosion Hazard Data

### Flash Point 1 (Method used)

None; ASTM-D56

### Extinguishing Media

N/A

### Special Fire Fighting Procedures

N/A

### Flammable Limits

(In air, % by volume)

### LEL

N/A

### UEL

N/A

### Auto Ignition Temperature

N/D

### Unusual Fire and Explosion Hazards

N/A

## Section 5 – Reactivity Data

Stability: Unstable Stable Conditions to avoid  
XX N/D

### Incompatibility (Materials to avoid)

None known

### Hazardous Decomposition or Byproducts

None known

Hazardous Polymerization: May Occur Will Not Occur Conditions to Avoid  
XX N/D

N/A = Not Applicable

N/D = No Data Available

N/E = Data Not Established

Continued on reverse

## Section 6 – Health Hazard Data

<b>Primary Route(s) of Entry:</b>	<b>Inhalation?</b> Yes	<b>Skin?</b> Yes	<b>Ingestion?</b>	<b>Eyes?</b>
<b>Health Hazards (Acute and Chronic)</b> N/D				
<b>Carcinogenicity:</b> None	<b>NTP?</b>	<b>IARC Monographs?</b>		<b>OSHA Regulated?</b>

### Signs and Symptoms of Exposure

Vapors may be irritating to eyes and respiratory tract and may produce symptoms of headache and nausea in poorly ventilated areas.

### Medical Conditions Generally Aggravated by Exposure

Unknown

### Emergency and First Aid Procedures

**Eyes:** In case of contact, immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Call a physician.

**Skin:** In case of contact, flush skin with water.

**Ingestion:** If swallowed, drink large quantities of water; call a physician.

## Section 7 – Precautions for Safe Handling and Use

### Steps To Be Taken in Case Material is Released or Spilled

Flush with water through sanitary sewer system.

### Waste Disposal Method

Same as above.

↳ All wastes must be disposed of in accordance with federal, state and local regulations.

### Precautions To Be Taken in Handling and Storing

Keep from freezing.

### Dot shipping Classification

N/D

## Section 8 – Control Measures

### Respiratory Protection (Specific Type)

Not normally required.

<b>Ventilation</b>	<b>Local Exhaust</b>	XX*	<b>Special</b>
	<b>Mechanical (General)</b>	XX**	<b>Other</b>

\*May be necessary for some operations. \*\*Should be sufficient for most conditions.

### Protective Gloves

Impervious gloves

### Eye Protection

Safety glasses

### Other Protective Clothing or Equipment

None required

### Work/Hygienic/Maintenance Practices

N/D

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