

# MATERIAL SAFETY DATA SHEET

Dioctyl Phthalate

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Dioctyl Phthalate  
Product Code: D5300  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 6/3/2013  
Print Date: 6/3/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	1			
Flammability:	1			
Reactivity:	0			
Hazard Rating:				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4
NA=Not Applicable		NE=Not Established		

## SECTION 2 HAZARD IDENTIFICATION

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input checked="" type="checkbox"/>	Dioctyl Phthalate	CAS# 117-81-7	100%	W/W	OSHA PEL: 5 mg/M3 8H TWA NIOSH TWA 5 mg/M3, STEL 10 mg/M3

## SECTION 4 FIRST AID MEASURES

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. if irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

## SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Water spray, Carbon dioxide, dry chemical, powder, foam.  
Fire / Explosion Hazards: Emits toxic fumes under fire conditions.  
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Diocetyl Phthalate

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Evacuate Area. Absorb spill with inert material, then place in a chemical waste container. Remove/Dispose of in a manner consistent with federal, local law.

**SECTION 7 HANDLING AND STORAGE**

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: NIOSH/MSHA-approved respirator  
Ventilation  
Local Exhaust   
Mechanical   
Protective Gloves: Wear appropriate gloves to prevent skin exposure  
Eye Protection: Safety Glasses w/  
Side Shields  
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	N/A	Percent Volatile by Volume:	Information not available
Boiling Point:	724° C	Evaporation Rate	information not available
Vapor Pressure:	1.2 mm HG 93° C	Evaporation Standard	
Vapor Density:	>1	Auto Ignition Temp	390° C
Solubility in Water:	Negligible	Lower Flamm. Limit in Air	0.3%
Appearance /Odors:	light colored, odorless liquid	Upper Flamm. Limit in Air	Not applicable
Flash Point:	207° C (405° F)		
Specific Gravity:	0.985		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable  
Conditions to Avoid: Avoid contact with incompatible materials.  
Materials to Avoid: Strong oxidizing agents.  
Hazardous Decomposition Products: Toxic fumes of: Carbon Monoxide, Carbon Dioxide  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

Dioctyl Phthalate

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

**SECTION 14 Transport Information**

DOT Classification: Environmentally hazardous substance, n.o.s.  
(Dioctyl Phthalate), 9, UN3082, PG III

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

**SECTION 16 Additional Information**

May irritate eyes, skin, GI tract, mucous membranes, respiratory tract. Inhalation causes dizziness, weakness, and headache. Ingestion causes nausea, vomiting and diarrhea. May be harmful if inhaled, ingested or absorbed through the skin. Conditions aggravated/target organs: Persons with pre-existing eye, skin or respiratory conditions may be more susceptible. Toxic! May impair fertility. May cause harm to the unborn child. Possible Carcinogen. Target organs: Liver, G.I. System. Kidneys.

Flammability

Health

Reactivity

Revisions

NFPA

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