

MATERIAL SAFETY DATA SHEET

Phenolphthalein 1% w/v

SECTION 1 . Product and Company Identification

Product Name and Synonym: Phenolphthalein 1% w/v
Product Code: 6657
Material Uses:
Manufacturer: Science Stuff
1104 Newport Ave
Austin, TX 78753
(512) 837-6020
Entry Date : 6/13/2013
Print Date: 6/13/2013
24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	2
Flammability:	3
Reactivity:	0

Hazard Rating:
Least Slight Moderate High Extreme
0 1 2 3 4

NA=Not Applicable NE=Not Established

SECTION 2 HAZARD IDENTIFICATION

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Alcohol, Reagent Denatured Ethyl Alcohol		60%	V/V	OSHA TWA 1000 ppm (1900 mg/mf)
<input type="checkbox"/>	Phenolphthalein	CAS# 77-09-8	1%	W/V	TXDS: irp-rat LDLo: 500 mg/Kg
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

SECTION 4 FIRST AID MEASURES

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

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: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Carbon Dioxide, dry chemical powder or

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appropriate foam
Fire / Explosion Hazards: Vapor may travel considerable distance to source of ignition and flash back.
Fire Fighting Procedure: Use water spray to cool fire exposed containers.

SECTION 6 ACCIDENTAL RELEASE MEASURES

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

SECTION 7 HANDLING AND STORAGE

Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required
Ventilation
Local Exhaust
Mechanical
Protective Gloves: Wear appropriate gloves to prevent skin exposure
Eye Protection: Splash Goggles
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	Information not available	Percent Volatile by Volume:	99%
Boiling Point:	Information not available	Evaporation Rate	information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	not available
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	not available
Appearance /Odors:	Clear water white liquid with alcohol odor	Upper Flamm. Limit in Air	not available
Flash Point:	Information not available		
Specific Gravity:	Not available		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: Avoid contact with heat, sparks, flames, or other sources of ignition.

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Materials to Avoid: Oxidizers, silver salts, halogen halides, alkalie metals, metal hydrides
Hazardous Decomposition Products: oxides of carbon
Hazardous polymerization: not known to occur
Conditions to Avoid: None known

SECTION 11 Toxicological Information

SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

SECTION 14 Transport Information

DOT Classification: UN1993, Flammable Liquid, n.o.s. (Ethanol), 3, PG II

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

Conditions aggravated/Target organs: Persons with preexisting skin, eye, respiratory, or kidney/liver disorders may be more susceptible. May cause Nausea, headache, narcosis, dizziness, and vision difficulties. Chronic: liver/kidney damage, pancreatitis, and nerve disorders.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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