

# MATERIAL SAFETY DATA SHEET

Phenol Red

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Phenol Red  
Product Code: 6680  
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:	1			
Flammability:	0			
Reactivity:	0			
Hazard Rating:				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4
NA=Not Applicable		NE=Not Established		

## SECTION 2 HAZARD IDENTIFICATION

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. Keep container closed.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Phenol Red	CAS# 143-74-8	0.02%	W/V	TXDS: ivn-rat LD <sub>50</sub> : 752 mg/Kg
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	W/V	None Established

## SECTION 4 FIRST AID MEASURES

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. Keep container closed.

FIRST AID: SKIN: 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: Any means suitable for extinguishing surrounding fire  
Fire / Explosion Hazards: Not considered to be a fire or explosion hazard.

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Fire Fighting Procedure:      Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Absorb spill with inert material. Flush excess down drain.

**SECTION 7 HANDLING AND STORAGE**

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection:      None required

Ventilation

Local Exhaust   

Mechanical      

Protective Gloves:          Gloves to prevent skin exposure as rubber or vinyl

Eye Protection:             Splash Goggles

Other Protective Equipment:   Use safe laboratory handling procedures.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	-0° C	Percent Volatile by Volume:	>99
Boiling Point:	100° C	Evaporation Rate	N/E
Vapor Pressure:	17 mm Hg @ 20° C	Evaporation Standard	Not Applicable
Vapor Density:	1 (air = 1)	Auto Ignition Temp	N/E
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	N/E
Appearance /Odors:	Clear red liquid / no odor	Upper Flamm. Limit in Air	N/E
Flash Point:	N/A		
Specific Gravity:	~1		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability:	Stable
Conditions to Avoid:	Temperature extremes
Materials to Avoid:	Concentrated acids and bases, water-reactive materials.
Hazardous Decomposition Products:	Not known to occur
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

**SECTION 11 Toxicological Information**

Routes of Entry: Absorbed through skin. Eye contact.  
Toxicity to Animals:  
LD50: [Rat] - Route: oral; Dose: > 90 ml/kg LC50: Not available.  
Chronic Effects on Humans: Not available.

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Other Toxic Effects on Humans:  
Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin.  
Non-hazardous in case of  
ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs.  
Non-corrosive to the eyes. Noncorrosive  
for lungs.  
Special Remarks on Toxicity to Animals: Not available. Special Remarks on Chronic Effects  
on Humans: Not available.  
Special Remarks on other Toxic Effects on Humans: Not available.

**SECTION 12 Ecological Information**

Routes of Entry: Absorbed through skin. Eye contact.  
Toxicity to Animals:  
LD50: [Rat] - Route: oral; Dose: > 90 ml/kg LC50: Not available.  
Chronic Effects on Humans: Not available.  
Other Toxic Effects on Humans:  
Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin.  
Non-hazardous in case of  
ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs.  
Non-corrosive to the eyes. Noncorrosive  
for lungs.  
Special Remarks on Toxicity to Animals: Not available. Special Remarks on Chronic Effects  
on Humans: Not available.  
Special Remarks on other Toxic Effects on Humans: Not available.

**SECTION 13 Disposal Considerations**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**SECTION 14 Transport Information**

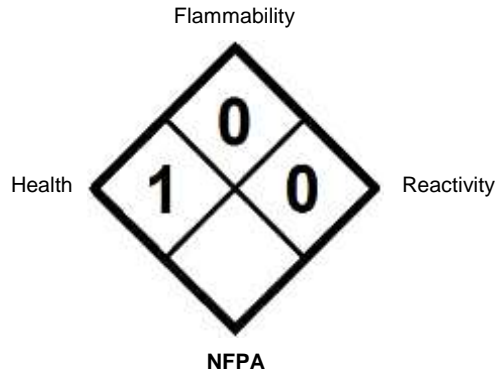
DOT Classification: Not Regulated

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

**SECTION 15 Regulatory Information**

Federal and State Regulations: TSCA 8(b) inventory: Water  
Other Regulations: EINECS: This product is on the European Inventory of Existing  
Commercial Chemical Substances.  
Other Classifications:  
WHMIS (Canada): Not controlled under WHMIS (Canada).  
DSCL (EEC):  
This product is not classified according to the EU regulations. Not applicable.

**SECTION 16 Additional Information**



**Revisions**

3/14/2013	0.1	Revised to 16 sections LS
3/4/2009	0	Creation date LS

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