

# MATERIAL SAFETY DATA SHEET

Cresol Red Indicator Solution

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Cresol Red Indicator Solution

Product Code: 290-02-1

Material Uses:  
Manufacturer: OFI Testing Equipment, Inc.  
11302 Steeplecrest Drive  
Houston, TX 77065 USA  
Phone: (713) 880-9885  
Fax: (713) 880-9886

Entry Date : 5/12/2010

Print Date: 8/2/2010

24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	0			
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

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

Emergency Overview: As Part Of Good Industrial And Personal Hygiene And Safety Procedure, Avoid All Unnecessary Exposure To The Chemical Substance And Ensure Prompt Removal From Skin, Eyes And Clothing.

Inhalation: No Adverse Health Effects Expected from Inhalation.

Ingestion: Large Doses may Cause Stomach Upset.

Skin: Not Expected to be a Health Hazard. May Cause Slight Irritation.

Eye Contact: Splashes may Cause Irritation.

Chronic Exposure: No Information Found.

Aggravated by Exposure: No Information Found.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Cresol Red, Sodium Salt (o-Cresolsulfonphthalein)	CAS# 62625-29-0	0.02 - 0.15%	W/V	
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

## SECTION 4 FIRST AID MEASURES

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

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,

**Cresol Red Indicator Solution**

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: None Known.

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.

Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust.

**SECTION 7 HANDLING AND STORAGE**

This Material is not considered hazardous. Store in a cool, dry place. Handle using safe laboratory practices. Protect from freezing and direct sunlight.

**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: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	~ 0° C	Percent Volatile by Volume:	> 99%
Boiling Point:	~ 100° C	Evaporation Rate	information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Not applicable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	Clear red odorless liquid	Upper Flamm. Limit in Air	Not applicable
Flash Point:	not flammable		
Specific Gravity:	~ 1.0		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Cresol Red Indicator Solution

Stability: Stable  
Conditions to Avoid: None known  
Materials to Avoid: None known  
Hazardous Decomposition Products: Not known to occur  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

INFORMATION  
Carcinogenic References:  
NTP Carcinogen - Known: No, IARC Category- None

**SECTION 12 Ecological Information**

Environmental Fate: No Information Found.  
Environmental Toxicity: No Information Found.

**SECTION 13 Disposal Considerations**

Dilute with Water and Flush to Sewer if Local Ordinances allow, Otherwise, Whatever Cannot be saved for recovery or recycling should be managed in an appropriate and approved waste Disposal Facility. Processing, use or Contamination of this product may change the waste management options. State and Local Disposal Regulations may Differ from Federal Disposal Regulations. Dispose of Container and Unused Contents in Accordance with Federal, State and Local Requirements.

**SECTION 14 Transport Information**

DOT Classification: Not Regulated

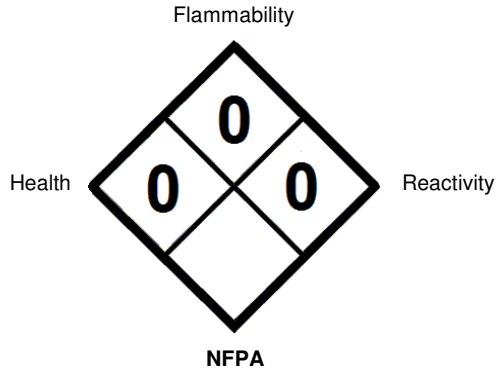
DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

Component listed on TSCA Inventory.

**SECTION 16 Additional Information**

Conditions aggravated/target organs: None known. Acute: Essentially non-hazardous. Possible irritation of eyes/stomach. Chronic: none known.  
First aid: not expected to be health hazard may cause slight skin irritation, eye splash may cause irritation. Large doses ingested may cause stomach upset.



**Revisions**

8/2/2010	0.1	updated msds to 16 section from 10 section msds. STN
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