

MATERIAL SAFETY DATA SHEET

Methyl Red Indicator Solution

SECTION 1 . Product and Company Identification

Product Name and Synonym: Methyl Red Indicator Solution

Product Code: 241-00-2

Material Uses:

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

Entry Date : 9/2/2009

Print Date: 7/30/2010

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

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.

Emergency Overview:Warning! Harmful If Swallowed. Causes Irritation to skin and eyes. May cause respiratory tract irritation.

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.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Methyl Red Sodium Salt	CAS# 845-10-3	0.01 - 0.1%	W/V	None Established
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

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: 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

If large amounts are swallowed give water to drink and seek medical aid.

Methyl Red Indicator Solution

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

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: 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	1
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 pink-red odorless liquid	Upper Flamm. Limit in Air	Not applicable
Flash Point:	Not flammable		
Specific Gravity:	~ 1.0		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Methyl Red Indicator Solution

Conditions to Avoid: Temperature extremes

Materials to Avoid: Strong oxidizers.

Hazardous Decomposition Products: possible oxides of carbon

Hazardous polymerization: Not expected to occur

Conditions to Avoid: None known

SECTION 11 Toxicological 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

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

Chemical Inventory Status –
Part 1: Ingredient
Methyl Red Sodium Salt (845-10-3)
TSCA Yes
EC Yes
Japan YES
Australia Yes

Chemical Inventory Status –
Part 2: Ingredient
Methyl Red Sodium Salt (845-10-3)
Korea YES
DSL Yes
NDSL No
Phil. Yes

Federal, State & International Regulations –
Part 1: Ingredient.
Methyl Red Sodium Salt (845-10-3)
RQ No
TPQ No
List NO
Chemical Catg No

Federal, State & International Regulations –
Part 2: Ingredient
Methyl Red Sodium Salt (845-10-3)
CERCLA NO
261.33 No
8(d) No

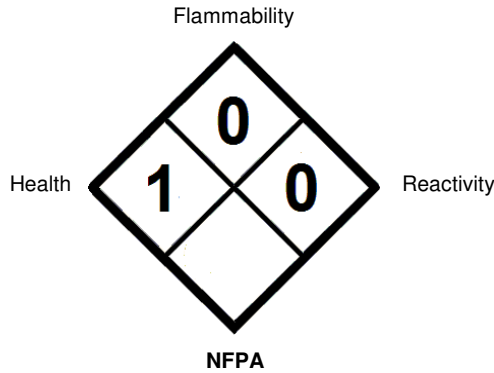
Chemical Weapons Convention: No

Methyl Red Indicator Solution

TSCA 12 (b):No
CDTA:No MIXTURE/LIQUID
SARA 311/312: Acute:NO
Chronic: No
Fire: No
Pressure: No
Reactivity: No
Australian Hazchem Code: NONE ALLOCATED
Poison Schedule:NONE ALLOCATED

SECTION 16 Additional Information

Conditions aggravated/Target organs: None known. Acute: slight irritation possible to skin, eyes, lungs, mucous membranes and GI tract. Chronic: none known.



Revisions

7/30/2010	0.1	updated msds to 16 section from 10 section msds. STN
	0	

The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely.