

MATERIAL SAFETY DATA SHEET
LaMotte Company
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Telephone for Information - 410-778-3100

24 Hour Emergency Number (CHEM-TEL): 800-255-3924

1. PRODUCT IDENTIFICATION

Name: Thymol Blue Indicator
Code #: 2213

2. HAZARDOUS INGREDIENTS

1. May contain either of
2. the following for adjustment of initial pH:
3. Hydrochloric acid
4. Sodium Hydroxide

	CAS #	%	PEL	
1.				
2.				
3.	7647-01-0	<0.1	C 7	mg/cubic m
4.	1310-73-2	<0.1	2	mg/cubic m

TLV

- 1.
- 2.
3. C 5 ppm
4. 2 mg/cubic m

3. NON-HAZARDOUS INGREDIENTS

1. Thymol Blue
2. Water to 100%

	CAS #	%
1.	76-61-9	<0.1
2.	7732-18-5	

4. PHYSICAL DATA

Appearance: , Varies, amber to blue, Liquid
Odor: None
Solubility in Water: Soluble pH: 7.5 - 9
Boiling Point: ca. 100 degC Melting Point: N/A
Vapor Pressure (mmHG): <17 @ 20 deg C Vapor Density (Air=1):<1
(Air=1)

5. FIRE & EXPLOSION DATA

Flash Point (Method Used): N/A
Flammable Limit: LEL: N/A UEL: N/A
Extinguishing Media: Not a fire hazard
HMIS Hazard: Health 0 Flammability 0 Reactivity 0
(Scale: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Least)
Special Fire Fighting Procedures: N/A
Unusual Fire & Explosion Hazard: N/A

6. REACTIVITY DATA

Stability: Stable [Y] Unstable [N]
Conditions to Avoid: Temperature extremes

Incompatibility (Materials to Avoid): N/A
Hazardous Decomposition Products: N/A

7. HEALTH HAZARD DATA

Toxicity: Non-toxic

Primary Route of Entry: Inhalation [N] Skin [Y] Ingestion [N]
N/A [N]

Target Organ:

Central Nervous System	[N]	Teeth and Skeleton	[N]		
All Body Organs	[N]	Pituitary	[N]	Bone Marrow	[N]
GI System	[N]	Kidneys	[N]	Thyroid	[N]
Liver	[N]	Bladder	[N]	Lungs	[N]
Unknown	[N]	Brain	[N]	Blood	[N]
Heart	[N]	Eyes	[N]	Skin	[N]

Signs & Symptoms of Exposure: May stain skin.

Medical Condition Aggravated by Exposure: N/A

Carcinogenicity: N/A [Y] NTP [N] IARC [N] OSHA [N]

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush thoroughly with water. Consult physician.

Skin Contact: Flush with water. Wash skin with soap and water.

Ingestion: Drink water. Consult physician.

Inhalation: N/A

9. SPILL & DISPOSAL PROCEDURES

Spill and Leak: Mop up and flush to drain with water.

Disposal: Flush down drain with excess water. Dispose
according to

federal, state and local regulations.

10. PRECAUTIONARY MEASURES

In Handling: Eye Protection [Y]

Gloves [N]

Other [Y] Lab Coat

Ventilation: Respiratory Protection [N]

Mechanical [N]

Normal [Y]

Use with Adequate Ventilation Only: [N]

Work/Hygienic Practices: Avoid prolonged or repeated contact with
skin or

clothing.

11. SPECIAL PRECAUTIONS: N/A

Prepared By: I.Penfield

Date: 05/12/2000

