



MSDS

P.O. Box 329 - 802 Washington Avenue Chestertown, MD 21620 - USA

MATERIAL SAFETY DATA SHEET

TELEPHONE # FOR INFORMATION 410 778-3100

24 HOUR EMERGENCY NUMBER (CHEM-TEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 813-248-0585 (call Collect)

1. Product Identification

Product Code: 3995

Product Description: Toluidine Blue O Indicator

Manufactured By: LaMotte Company
802 Washington Avenue
Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	92-31-9 Toluidine Blue O; Basic Blue 17	<0.1	N/E	N/E
No	7732-18-5 Water	to 100%	None Established	None Established

3. Hazards Overview

Primary Route Of Entry: Skin

May irritate eyes. May stain skin and clothing.

HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 0 Flammability: 0 Reactivity: 0

Carcinogenicity: None:

Other Health Related Comments:

4. First Aid Measures

Eye Contact: Flush thoroughly with water for 15 minutes while lifting upper and lower eyelids. If irritation develops or persists

Skin Contact: Flush with water. Remove affected clothing and wash skin with soap and water. If irritation develops or persists contact physician.

Ingestion: Rinse mouth. Drink glass of water. Consult physician.

Inhalation: Not an expected route of exposure.

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Soak up spills with inert absorbent material, containerize, and hold for sanitary disposal. Dispose according to local regulations.

7. Handling & Storage

Store in cool, dry, storage area away from incompatible materials.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with skin, eyes, and clothing.

9. Physical & Chemical Properties

Appearance: Clear Blue Liquid

Solubility In Water: Soluble

Odor: None

pH: 4

Vapor Density: N/A

Vapor Pressure: N/A

Boiling Point: Unknown

Melting Point: Unknown

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Temperature extremes

Incompatibility (Materials To Avoid): Strong oxidizers

Hazardous Decomposition Products: N/A

11. Toxicological Information

Oral rat LD50: 1500 mg/kg for concentrated Basic Blue 17 dye powder.

Target Organs: Skin

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dispose according to federal, state and local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	92-31-9 Toluidine Blue O; Basic Blue 17	Yes	Yes	Yes	No	Yes	No
No	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
92-31-9 Toluidine Blue O; Basic Blue 17	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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--- SARA 311/312 ---

Hazard Categories

----- Australia -----

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient	Acute	Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule	This MSDS Is WHMIS Compliant
92-31-9 Toluidine Blue O; Basic Blue 17	No	No	No	No	No	None Allocated	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
product 3995 as a whole	No	No	No	No	No	None Allocated	None Allocated	Yes

16. Other Information

Keep out of the reach of children.

Prepared By: Regulatory Affairs Department

Revised: 10/8/2010
