



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: 2299

Product Description: Methyl Orange Indicator
(0.1% Halidex)

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

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
	547-58-0 Methyl Orange, sodium salt (C.I. acid orange 52)	0.1		
	7772-98-7 Sodium Thiosulfate, 5-hydrate (CAS# 10102-17-7)	0.2		
	7732-18-5 Water	to 100%		

3. Hazards Overview

Primary Route Of Entry: Ingestion Skin

May be harmful if swallowed or absorbed through skin.

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:

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4. First Aid Measures

Eye Contact: Flush thoroughly with water.

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

Ingestion: Give plenty of water. Consult physician if symptoms develop.

Inhalation: N/A

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

Mop up with paper towels and discard to trash.

7. Handling & Storage

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

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8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid prolonged or repeated contact with skin. Wash after handling.

9. Physical & Chemical Properties

Appearance: Clear Orange Liquid

Solubility In Water: Soluble

Odor: None

pH: 8

Vapor Density: <1 (Air=1)

Vapor Pressure: <17 @ 20 deg C

Boiling Point: ca. 100 degC

Melting Point: ca. 0 degC

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: N/A

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: N/A

11. Toxicological Information

Oral rat LD50: 60 mg/kg for methyl orange solid (toxic)

Target Organs: Skin

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Flush down drain with excess water. Dispose according to federal, state and local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA TSCA	Europe EC	--- Canada --- DSL	NDSL	Australia	Japan
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Federal, State, & International Regulations

Ingredient	--- SARA 302 --- RQ	TPQ	----- SARA 313 ----- Listed	Chemical Category	CERCLA	RCRA 261.33	TSCA 8(D)
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Ingredient	--- SARA 311/312 --- Hazard Categories					----- Australia -----		This MSDS Is WHMIS Compliant
	Acute	Chronic	Fire	Pressure	Reactivity	Hazchem Code	Poison Schedule	

product 2299 as a whole	No	No	No	No	No	None Allocated	None Allocated	Yes
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16. Other Information

Protect from sunlight.

Prepared By: Regulatory Affairs Department

Revised: 7/11/2009
