



1800 344 3100

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: 7445

Product Description: Detergent Reagent 3

Manufactured By: LaMotte Company

802 Washington Avenue
Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	108-88-3 Toluene	>99	100 ppm (airborne)	50 ppm (skin)
	mixture Hyamine 3500 disinfectant	<0.1%		
Yes	115-39-9 Bromphenol Blue	<0.1	None Established	None Established

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion Inhalation

Eye and respiratory irritant. Inhalation of vapors may cause death by paralysis of respiratory center. May be fatal if swallowed.

HMIS Hazard

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

Health: 2 Flammability: 3 Reactivity: 0

Carcinogenicity: None:

Other Health Related Comments:

WARNING! Contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.

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4. First Aid Measures

Eye Contact: Immediately flush with water for 15 minutes, lifting upper and lower eyelids. Consult physician.

Skin Contact: Remove affected clothing and rinse skin thoroughly. Wash skin with soap and water. Consult physician.

Ingestion: Do not induce vomiting. Immediately call a doctor.

Inhalation: Remove to fresh air. Give artificial respiration if breathing has stopped. If breathing is difficult, give oxygen.

5. Fire Fighting Measures

Flash Point (Method Used): 40 deg F-closed cup **LEL:** 1.2% **UEL:** 7.1%

Extinguishing Media: Dry chemical, alcohol-resistant foam, CO2

Special Fire Fighting Procedures: Wear protective equipment and self-contained breathing apparatus.

Unusual Fire & Explosion Hazard: Vapor heavier than air & may travel considerable distance to a source of ignition & flash back.

6. Accidental Release Measures

Eliminate ignition sources & flammables. Absorb spill on inert material, containerize, and hold for proper disposal as hazardous waste. Dispose according to federal, state, and local regulations.

7. Handling & Storage

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

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8. Exposure Controls/Personal Protection

Ventilation

Mechanical

Protection When Handling

Eye Protection Gloves LabCoat; viton glove

Work/Hygenic Practices: Use only with adequate ventilation. Use large quantities in a fume hood.

9. Physical & Chemical Properties

Appearance: Blue Liquid

Solubility In Water: Slight

Odor: Aromatic

pH: N/A

Vapor Density: 3.1(Air=1)

Vapor Pressure: 22 at 68 deg F

Boiling Point: 231 deg F

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Heat, sources of ignition

Incompatibility (Materials To Avoid): Contact with nitric acid or other strong oxidizers

Hazardous Decomposition Products: COx

11. Toxicological Information

Inhalation human TClO: 200 ppm for toluene; oral rat LD50: 636 mg/kg

Target Organs: Skin Kidneys Liver Central Nervous System

Pre-Existing Conditions Aggravated By Exposure: Respiratory conditions

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Toluene should not be stored in plastics, except Teflon, as it may dissolve them. DO NOT pour down drains. Containerize and hold for hazardous waste disposal. 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	108-88-3 Toluene	Yes	Yes	Yes	No	Yes	Yes
Yes	115-39-9 Bromphenol Blue, sultone form	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			
108-88-3 Toluene	No	No	Yes	No	1000	U220	No
115-39-9 Bromphenol Blue, sultone form	No	No	No	No	No	No	No

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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	
108-88-3 Toluene	Yes	Yes	Yes	No	No	3[Y]E	S6	
115-39-9 Bromphenol Blue, sultone form	Yes	No	No	No	No	None Allocated	None Allocated	

product 7445
as a whole

16. Other Information

Store away from sources of ignition. Avoid contact with skin and inhalation of vapor.

Prepared By: Regulatory Affairs Department

Revised: 4/28/2010
