



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: 6383

Product Description: Steadifac Reagent

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

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	62-55-5 Thioacetamide	0.25	N/A	N/A
No	144-55-8 Sodium Bicarbonate	<0.1	N/E	N/E
No	7732-18-5 Water	to 100%		

3. Hazards Overview

Primary Route Of Entry: Skin Ingestion

May be harmful if swallowed or absorbed through skin.

HMIS Hazard

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

Health: 2 Flammability: 0 Reactivity: 0

Carcinogenicity: Yes: IARC NTP

Other Health Related Comments:

WARNING! This product contains thioacetamide, a chemical known to the state of Calif.to cause cancer. See Sec. 11.

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4. First Aid Measures

Eye Contact: Immediately flush with water for 15 minutes. Consult a physician.

Skin Contact: Flush thoroughly with water. Remove affected clothing and wash skin with soap and water.

Ingestion: Induce vomiting immediately. Consult a physician.

Inhalation: Remove to fresh air.

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 and flush down drain with excess water.

7. Handling & Storage

Store tightly closed in cool, dry, storage area away from such incompatible materials as strong oxidizers, acids, & bases.

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8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Gloves Eye Protection Lab Coat

Work/Hygenic Practices: Avoid contact-skin or eyes. Wash after handling. Use good ventilation when preparing or dispensing.

9. Physical & Chemical Properties

Appearance: Clear Colorless Liquid

Solubility In Water: Soluble

Odor: Pungent

pH: 8

Vapor Density: <1 (Air=1)

Vapor Pressure: <17 mm Hg @ 20 deg C

Boiling Point: About 100 deg C

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Temperature extremes

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

Hazardous Decomposition Products: SOx, NOx, hydrogen sulfide gas

11. Toxicological Information

Oral rat LD50: 301 mg/kg for thioacetamide solid. Thioacetamide has been reported to be probably carcinogenic based on IARC & NTP classification. IARC-7, 77, 74

Target Organs: Liver Skin

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Small quantity: Pour into large volume of water and flush to 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
Yes	62-55-5 Thioacetamide	Yes	Yes	Yes	No	Yes	Yes
No	144-55-8 Sodium Bicarbonate	Yes	Yes	Yes	No	Yes	Yes
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			
62-55-5 Thioacetamide	No	No	Yes	No	10	U218	No
144-55-8 Sodium Bicarbonate	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**

62-55-5 Thioacetamide	Yes	Yes	No	No	No	None Allocated	None Allocated
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144-55-8 Sodium Bicarbonate	No	No	No	No	No	None Allocated	None Allocated
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7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated
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product 6383 as a whole	Yes	No	No	No	No	None Allocated	None Allocated	Yes
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16. Other Information**Prepared By:** IP, Regulatory Affairs Department**Revised:** 7/18/2006
