



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: 7646

Product Description: Molybdenum Buffer

Manufactured By: LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	64-19-7 Acetic Acid	12 - 13	10 ppm	25 mg/cubic m
Yes	6131-90-4 Sodium Acetate, trihydrate	27	N/E	N/E
Yes	6381-92-6 EDTA Disodium Salt, dihydrate	<0.1	N/E	N/E
Yes	70-47-3 Asparagine, anhydrous	0.1	N/E	N/E
No	7732-18-5 Water to 100%	to 100		

Product Code: 7646

Product Description: Molybdenum Buffer

7. Handling & Storage

Store in cool, dry, storage area away from incompatible materials such as oxidizers and strong mineral acids.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: N/A

9. Physical & Chemical Properties

Appearance: Clear colorless liquid

Solubility In Water: Soluble

Odor: Vinegar-like

pH: 4 - 5

Vapor Density: Unknown

Vapor Pressure: Unknown

Boiling Point: Unknown

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Temperature extremes

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: COx

11. Toxicological Information

Sodium acetate, hydrate: Investigated as a mutagen. Sodium acetate, anhydrous: Oral rat LD50: 3530 mg/kg and investigated as a mutagen.

Target Organs: Skin

12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dispose of in accordance to federal, state and local regulations. Flush down drain with excess water if local regulations permit.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information**Chemical Inventory Status**

Hazard	Ingredient	USA		--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	64-19-7 Acetic Acid	Yes	Yes	Yes	No	Yes	Yes
Yes	127-09-3 Sodium Acetate, anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	139-33-3 EDTA disodium salt, anhydrous	Yes	Yes	Yes	No	Yes	Yes
Yes	70-47-3 Asparagine, anhydrous	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			
64-19-7 Acetic Acid	No	No	No	No	5000	No	No
127-09-3 Sodium Acetate, anhydrous	No	No	No	No	No	No	No
139-33-3 EDTA disodium salt, anhydrous	No	No	No	No	No	No	No
70-47-3 Asparagine, anhydrous	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

Product Code: 7646

Product Description: Molybdenum Buffer

--- SARA 311/312 ---

Hazard Categories

----- Australia -----

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient	Acute	Chronic	Fire	Pressure	Reactivity			
64-19-7 Acetic Acid	Yes	Yes	Yes	No	Yes	2P	S6	
127-09-3 Sodium Acetate, anhydrous	Yes	No	No	No	No	None Allocated	None Allocated	
139-33-3 EDTA disodium salt, anhydrous	Yes	No	No	No	No	None Allocated	None Allocated	
70-47-3 Asparagine, anhydrous	No	No	No	No	No	None Allocated	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
product 7646 as a whole	Yes	No	No	No	No	None Allocated	None Allocated	Yes

16. Other Information

Prepared By: DMH, Regulatory Affairs Department

Revised: 2/16/2009
