

# MATERIAL SAFETY DATA SHEET

MOLYBDENUM INDICATOR REAGENT 337

### SECTION I

MANUFACTURER'S NAME <b>LaMOTTE CHEMICAL PRODUCTS CO.</b>		EMERGENCY TELEPHONE NO. <b>301-778-3100</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>P.O. BOX 329, CHESTERTOWN, MARYLAND 21620</b>		
CHEMICAL NAME AND SYNONYMS <b>Mercaptoacetic Acid Calcium deriv.</b>	TRADE NAME AND SYNONYMS <b>Molybdenum Ind. Pwd.,</b>	CODE <b>6486</b>
CHEMICAL FAMILY	FORMULA <b>C<sub>2</sub>H<sub>2</sub> CaO<sub>2</sub>S</b>	

### SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE	<b>N / A</b>		METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX	<b>N / A</b>	
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
<b>Calcium Thioglycolate</b>				<b>100</b>	

### SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	<b>dec &gt; 200°C</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>N/A</b>
VAPOR PRESSURE (mm Hg.)	<b>N/A</b>	PERCENT, VOLATILE BY VOLUME (%)	<b>N/A</b>
VAPOR DENSITY (AIR=1)	<b>N/A</b>	EVAPORATION RATE (_____ = 1)	<b>N/A</b>
SOLUBILITY IN WATER	<b>Sol.</b>		
APPEARANCE AND ODOR			

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES <b>Not a fire hazard</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE

unknown

EFFECTS OF OVEREXPOSURE

May cause skin irritation

EMERGENCY AND FIRST AID PROCEDURES

eye - flush with water

external - wash with soap and water

internal - give large amount of water, call a physician

**SECTION VI - REACTIVITY DATA**

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

N / A

INCOMPATIBILITY (Materials to avoid)

N/A

HAZARDOUS DECOMPOSITION PRODUCTS

H<sub>2</sub>S and SO<sub>x</sub> fumes

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up, put into beaker, add water and neutralize with dilute HCl.

Wash down drain with excess water.

WASTE DISPOSAL METHOD

Put in beaker, add water and neutralize with dilute HCl.

Wash down drain with excess water.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (Specify type)

N/A

VENTILATION

LOCAL EXHAUST

X

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

plastic gloves

EYE PROTECTION

safety glasses

OTHER PROTECTIVE EQUIPMENT

lab coat

**SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container tightly closed. Avoid contact with skin. Avoid

extremes of temperature and moisture.

OTHER PRECAUTIONS