

MATERIAL SAFETY DATA SHEET

Silica Gel #2073

SECTION I

MANUFACTURER'S NAME LaMotte Chemical Products co.		EMERGENCY TELEPHONE NO. 301-778-3100
ADDRESS (Number, Street, City, State, and ZIP Code) P.O. Box 329, Chestertown, Maryland 21620		
CHEMICAL NAME AND SYNONYMS Oxalic acid	TRADE NAME AND SYNONYMS Silica Reagent #3, (Code 4468)	
CHEMICAL FAMILY Organic acid	FORMULA (COOH)₂ · 2H₂O	4699

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS	N/A		FILLER METAL PLUS COATING OR CORE FLUX	N/A	
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Oxalic acid	CAS #6153-56-6			7	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	unknown	SPECIFIC GRAVITY (H ₂ O=1)	unknown
VAPOR PRESSURE (mm Hg.)	unknown	PERCENT VOLATILE BY VOLUME (%)	unknown
VAPOR DENSITY (AIR=1)	unknown	EVAPORATION RATE (____=1)	unknown
SOLUBILITY IN WATER	soluble		
APPEARANCE AND ODOR	clear, colorless liquid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES NO FIRE HAZARD			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	unknown
EFFECTS OF OVEREXPOSURE	very toxic, primary skin irritant
EMERGENCY AND FIRST AID PROCEDURES	
eye contact - flush thoroughly with water, get prompt medical attention	
external - flush thoroughly with water, wash with soap and water.	
Internal - give large quantities of milk, call physician immediately.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	n/a
INCOMPATIBILITY (Materials to avoid)		n/a	
HAZARDOUS DECOMPOSITION PRODUCTS		n/a	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	x	n/a

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Cover contaminated surfaces with soda ash or sodium bicarbonate.	
Scoop up slurry and wash down drain with excess water.	
WASTE DISPOSAL METHOD	
Neutralize with sodium bicarbonate or soda ash and wash down drain with excess running water.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) <u>None</u>			
VENTILATION	LOCAL EXHAUST	<u>N/A</u>	SPECIAL _____
	MECHANICAL (General)	_____	OTHER _____
PROTECTIVE GLOVES	<u>plastic gloves</u>	EYE PROTECTION	<u>goggles</u>
OTHER PROTECTIVE EQUIPMENT <u>lab coat</u>			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Protect against physical damage. Keep well closed. Avoid contact with skin or clothing.	
OTHER PRECAUTIONS	

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