

MATERIAL SAFETY DATA SHEET

CO₂ Kit.

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 -----		TRADE NAME AND SYNONYMS Phenolphthalein Indicator 2246
CHEMICAL FAMILY -----	FORMULA ----- 8364, 4821, 8114, 8209, 8509, 8423	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE	N/A		METALLIC COATINGS	N/A	
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
3A Alcohol		CAS #64-17-5		60	
Phenolphthalein		CAS #77-09-8		1	

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)	
SOLUBILITY IN WATER	soluble		
APPEARANCE AND ODOR	clear, colorless liquid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	12°C (closed cup)	FLAMMABLE LIMITS	Lel	Uel
		unknown		
EXTINGUISHING MEDIA	Dry chemical, CO ₂ extinguisher, water spray			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS	Can be ignited at all normal temperatures			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	unknown
EFFECTS OF OVEREXPOSURE	Visual impairment, headaches, nausea
	Vapors harmful
EMERGENCY AND FIRST AID PROCEDURES	
Eye contact - flush thoroughly with water, consult a physician	
External - wash with soap and water	
Internal - immediately call a physician	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Heat
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	
Eliminate all sources of ignition and flammables.	
Absorb on paper. Evaporate on an iron pan in a hood.	
Burn the paper.	
WASTE DISPOSAL METHOD	
Wash down drain with excess water - small quantities	
Atomize into an incinerator - large quantities	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
none			
VENTILATION	LOCAL EXHAUST	X	SPECIAL -----
	MECHANICAL (General)	-----	OTHER -----
PROTECTIVE GLOVES -----		EYE PROTECTION	
OTHER PROTECTIVE EQUIPMENT		goggles	
lab coat			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Protect from physical damage. Keep away from heat and sources of ignition.	
Avoid prolonged or repeated contact with skin.	
OTHER PRECAUTIONS	
Use adequate ventilation.	

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