

MATERIAL SAFETY DATA SHEET

Salinity Test Kit #102

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 Potassium chromate		TRADE NAME AND SYNONYMS Salinity Indicator Reagent A
CHEMICAL FAMILY salt	FORMULA K₂CrO₄	Code 7460

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)
Potassium chromate (K₂CrO₄)				5%	
CAS #7789-00-6					

SECTION III - PHYSICAL DATA

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

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA NOT A FIRE HAZARD			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	unknown
EFFECTS OF OVEREXPOSURE	unknown
EMERGENCY AND FIRST AID PROCEDURES	
eye contact - flush with water	
external - wash with soap and water	
internal - give water, consult a physician	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)		N/A	
HAZARDOUS DECOMPOSITION PRODUCTS		N/A	
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	
Mop up. Wash down drain.	
WASTE DISPOSAL METHOD	
Pour down drain with water.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
none			
VENTILATION	LOCAL EXHAUST	n/a	SPECIAL
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES		EYE PROTECTION	
none		safety glasses	
OTHER PROTECTIVE EQUIPMENT			
lab coat			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Keep container tightly closed and avoid extremes of temperature.	
OTHER PRECAUTIONS	