

MATERIAL SAFETY DATA SHEET

Salinity Test Kit #2 of 2

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 Silver Nitrate		TRADE NAME AND SYNONYMS Salinity Titration Rgt. Code 7461
CHEMICAL FAMILY Salt	FORMULA AgNO₃	

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)
Silver Nitrate (AgNO₃) CAS #7761-88-8				2.7%	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	unk.	SPECIFIC GRAVITY (H ₂ O=1)	solid	4.35
VAPOR PRESSURE (mm Hg.1)	unk.	PERCENT VOLATILE BY VOLUME (%)		unk.
VAPOR DENSITY (AIR=1)	unk.	EVAPORATION RATE (_____ =1)		unk.
SOLUBILITY IN WATER	complete			
APPEARANCE AND ODOR clear, colorless 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 - May cause irritation to skin, mucous membranes. May stain skin. HARMFUL IF SWALLOWED.	
EMERGENCY AND FIRST AID PROCEDURES Skin and eye contact-flush thoroughly with water. Internal-give water, consult a physician immediately.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Alkalies, arsenites, bromides, chlorides, iodides, etc.			
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 Kop up and wash down drain with excess water.	
WASTE DISPOSAL METHOD Wash down drain with excess water.	

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

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Protect against physical damage. Keep well closed and out of light. Avoid prolonged or repeated contact with skin. Avoid ingestion.	
OTHER PRECAUTIONS	