

MATERIAL SAFETY DATA SHEET

Nitrate K.T #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, MD 21620		
CHEMICAL NAME AND SYNONYMS -----		TRADE NAME AND SYNONYMS Mixed Acid Rgt. (Code V-6278)
CHEMICAL FAMILY -----	FORMULA -----	V-6280

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)
Ammonium Chloride CAS #12125-02-9				16.7%	----
Sodium Chloride CAS #7647-14-5				10%	----
Citric Acid CAS #5949-29-1				4%	----
Sodium Phosphate CAS #7558-79-4				0.27%	----
Acetic Acid CAS #64-19-7				0.2%	----
Copper Sulfate CAS #7758-99-8				0.024%	----

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	∞	pH = 1.6	
APPEARANCE AND ODOR	clear, light blue-green liquid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Let	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	May cause skin irritation.
EMERGENCY AND FIRST AID PROCEDURES	
Eye contact - immediately flush thoroughly with water, consult a physician.	
External - wash with soap and water after handling.	
Internal - give plenty of water or milk, call 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	
Neutralize with sodium bicarbonate. Wash down drain with excess water.	
WASTE DISPOSAL METHOD	
Neutralize and 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		EYE PROTECTION	
plastic gloves		Goggles or safety glasses	
OTHER PROTECTIVE EQUIPMENT			
none			

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

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