

MATERIAL SAFETY DATA SHEET

Nitrate Kit #107L

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 Nitrate Reducing Rgt. (Code V-6279)	
CHEMICAL FAMILY -----	FORMULA -----	

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				50%	----
Sodium Citrate CAS #68-04-2				33.5%	----
Manganous Sulfate CAS #10101-68-5				10%	----
Cadmium Powder CAS #7440-43-9				3%	0.2ppm
Sulfanilamide CAS #63-74-1				2%	----
N-1-naphthylethylene diamine dihydrochloride CAS #1465-25-4				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)	unknown
SOLUBILITY IN WATER	partial		
APPEARANCE AND ODOR	pale grey powder		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Unknown
EFFECTS OF OVEREXPOSURE	May cause skin irritation..May cause lung irritation.
. Cadmium is a suspected carcinogen. IARC 2,74,73	
EMERGENCY AND FIRST AID PROCEDURES	
Eye contact - immediately flush thoroughly with water.	
External - wash with soap and water after handling.	
Internal - give plenty of water, consult a physician.	

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	
Sweep up. Dissolve in water. Wash down drain with excess water.	
WASTE DISPOSAL METHOD	
Dissolve in water. Wash down drain with excess water.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
none			
VENTILATION	LOCAL EXHAUST	-----	SPECIAL
	MECHANICAL (General)	X	-----
PROTECTIVE GLOVES		plastic gloves	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT		none	safety glasses

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Protect against physical damage. Store in well closed container. Avoid breathing dust and extremes of temperature.	
OTHER PRECAUTIONS	