

MATERIAL SAFETY DATA SHEET

NN₂-N-Trugen Kit

SECTION I

MANUFACTURER'S NAME LaMotte Chemical Products Company		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 (Code 5103) Ammonia Nitrogen #2
CHEMICAL FAMILY CAS #7783-33-7	FORMULA 5184, 4798, 4050, 4241, 5122, 6374	

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 hydroxide		CAS #1310-58-3		15	
Potassium iodide		CAS #7681-11-0		6.25	
Mercuric chloride		CAS #7487-94-7		3.3	

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	soluble		
APPEARANCE AND ODOR	clear, light yellow liquid; slightly slippery feeling		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES NO FIRE HAZARD			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Unknown .POISON
EFFECTS OF OVEREXPOSURE	Causes severe burns. May be fatal or cause permanent damage if swallowed.
EMERGENCY AND FIRST AID PROCEDURES	
eye contact - immediately flush thoroughly with water for 15 min., get medical attention.	
external - immediately flush with water, remove affected clothing and flush skin thoroughly.	
internal - do not induce vomiting; rinse mouth, drink glass of water, call a physician immediately.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	N/A
INCOMPATIBILITY (Materials to avoid)			
acids			
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	Mop up carefully & place into a container. Add Ammonium Hydroxide to precipitate the mercury. Dispose of as hazardous waste.
WASTE DISPOSAL METHOD	Add Ammonium Hydroxide until all the mercury salt is precipitated. Dispose of as hazardous waste.

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

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