



MATERIAL SAFETY DATA SHEET

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, Maryland 21620	
CHEMICAL NAME AND SYNONYMS Potassium iodide	TRADE NAME AND SYNONYMS Potassium Iodide Code 6521
CHEMICAL FAMILY Inorganic salt	FORMULA KI

SECTION II - HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS	N/A		FILLER METAL PLUS COATING OR CORE FLUX	N/A	
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Potassium iodide CAS#7681-11-0				20	

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, colorless liquid			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE-FIGHTING PROCEDURES No Fire Hazard			
UNUSUAL FIRE AND EXPLOSION HAZARDS			



SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

N/A

EFFECTS OF OVEREXPOSURE

N/A

EMERGENCY AND FIRST AID PROCEDURES

eye contact - flush with water

external - wash 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

Mop up with paper towels. Wash down drain.

WASTE DISPOSAL METHOD

Pour down drain.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

none

VENTILATION

LOCAL EXHAUST

N/A

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

none

EYE PROTECTION

safety glasses

OTHER PROTECTIVE EQUIPMENT

none

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Protect against physical damage. Keep well closed and store out of light.

OTHER PRECAUTIONS