

MATERIAL SAFETY DATA SHEET

Detergents Kit

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 D.S. Reagent (Code 4508)
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)
Toluene (C ₆ H ₅ CH ₃)		CAS #108-88-3		99%	
Bromphenol Blue		CAS #115-39-9			

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	231°	SPECIFIC GRAVITY (H ₂ O=1)	0.9
VAPOR PRESSURE (mm Hg.)	unknown	PERCENT VOLATILE BY VOLUME (%)	unknown
VAPOR DENSITY (AIR=1)	3.1	EVAPORATION RATE (_____ =1)	unknown
SOLUBILITY IN WATER	insoluble		
APPEARANCE AND ODOR	blue liquid, benzene-like odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	40°F (closed cup)	FLAMMABLE LIMITS	Lel 1.2%	Uel 7.1%
EXTINGUISHING MEDIA	dry chemical or CO ₂ extinguishers, water spray			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

SECTION V - HEALTH HAZARD DATA.	
THRESHOLD LIMIT VALUE	200 ppm (toluene)
EFFECTS OF OVEREXPOSURE	may cause headache, dizziness
	toxic, vapor harmful
EMERGENCY AND FIRST AID PROCEDURES	
Eye contact - flush thoroughly with water, get medical attention	
External - wash thoroughly with soap and water, remove contaminated clothing	
Internal - immediately call a physician	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	sources of ignition
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	
Eliminate all sources of ignition and flammables.	
Absorb on paper. Evaporate on an iron pan in a hood. Burn the paper.	
WASTE DISPOSAL METHOD	
Atomize into an incinerator.	

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

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Protect against physical damage. Store away from source of ignition in well closed containers. Avoid spilling, contact with skin or clothing. Use adequate ventilation.	
OTHER PRECAUTIONS	