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U.S. DEPARTMENT OF LABOR

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MATERIAL SAFETY DATA SHEET

81103-246

1- S.D. File
1- R.M. Cutchain

SECTION I					
MANUFACTURER'S NAME MONSANTO COMPANY				EMERGENCY TELEPHONE NO. (314) 694-1000	
ADDRESS (Number, Street, City, State, and ZIP Code) 800 North Lindbergh Boulevard, St. Louis, Missouri 63166					
CHEMICAL NAME AND SYNONYMS Mixture			TRADE NAME AND SYNONYMS Aroclor 1254		
CHEMICAL FAMILY Chlorinated aromatic			FORMULA Mixture		
SECTION II HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
SECTION III PHYSICAL DATA					
BOILING POINT (°F.)	760 mm	365-400°C	SPECIFIC GRAVITY (H ₂ O=1) (25/25°C)	1.538	
VAPOR PRESSURE (mm Hg.)	180-220°C	3 mm	PERCENT VOLATILE BY VOLUME (%)	N.A.	
VAPOR DENSITY (AIR=1)			EVAPORATION RATE (BuAc = 1)	<1	
SOLUBILITY IN WATER	20°C negligible	<0.01%			
APPEARANCE AND ODOR	Yellow viscous oil		aromatic odor		
SECTION IV FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT (Method used)	None		FLAMMABLE LIMITS	LeI N.A.	UeI N.A.
EXTINGUISHING MEDIA					
SPECIAL FIRE FIGHTING PROCEDURES Respiratory protection when fighting fires where exposure to vapors or gases is possible.					
ADDITIONAL FIRE AND EXPLOSION HAZARDS Highly toxic gases (chlorides and chlorine) can be evolved in fires of this product.					

DSW 267538

TOWOLDMON0011781

Aroclor 1254 SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE		0.5 mg/m ³ of air	
EFFECTS OF OVEREXPOSURE Skin irritation in the form of chloracne, systematic intoxication leads to nausea, vomiting, loss of weight, edema and abdominal pain.			
EMERGENCY AND FIRST AID PROCEDURES Remove from exposure. Remove contaminated clothing. Wash contacted area with large amounts of water and soap. Refer to physician.			
SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS CO, CO ₂ , smoke, soot, chlorides and chlorine			
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 Absorb on clay, sawdust or other absorbant material. Place in drums. Bury in approved chemical landfill in accordance with local and state regulations.			
WASTE DISPOSAL METHOD Burn in an approved incinerator in accordance with local and state regulations.			
SECTION VIII SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) Bureau of Mines approved respirator for organic vapors.			
VENTILATION	LOCAL EXHAUST	Yes - for vapors	SPECIAL vapors.
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES	Rubber	EYE PROTECTION	Chemical goggles
OTHER PROTECTIVE EQUIPMENT			
SECTION IX SPECIAL PRECAUTIONS			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Avoid skin and eye contact, avoid inhalation of vapors			
OTHER PRECAUTIONS			DSW 267539

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, MONSANTO COMPANY MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

JAG:HOH:JTG:WBP

1/25/72