

Form Approved OMB
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U.S. DEPARTMENT OF LABOR

Form No. OSHA-20
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MATERIAL SAFETY DATA SHEET

81103-246
1- S.D. Fale
1- R. McCutchan

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 (P.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.					
UNUSUAL FIRE AND EXPLOSION HAZARDS Highly toxic gases (chlorides and chlorine) can be evolved in fires of this product.					

DSW 267538

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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 STORING							
Avoid skin and eye contact, avoid inhalation of vapors							
DSW 267539							
OTHER PRECAUTIONS							

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.

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1/25/72

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