

Form Approved OMB
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U.S. DEPARTMENT OF LABOR

Form No. OSHA-20
May, 1971

MATERIAL SAFETY DATA SHEET

SECTION I					
MANUFACTURER'S NAME MONSANTO COMPANY				EMERGENCY TELEPHONE NO. (314) 604-1000	
ADDRESS, Number, Street, City, State, and ZIP Code 500 North Lindbergh Boulevard, St. Louis, Missouri 63166					
CHEMICAL NAME AND SYNONYMS Mixture				TRADE NAME AND SYNONYMS Aroclor 1254 (A13B1)	
CHEMICAL FAMILY Chlorinated aromatic				FORMULA Mixture	
SECTION II HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS		%	TLV (Units)	ALLOYS AND METALLIC COATINGS	
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)	
VAPOR PRESSURE (mm Hg.)		180-220°C	3 mm	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)				EVAPORATION RATE 1-BuAc = 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	
				Lel	Uel
				N.A.	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 267244

TOWOLDMON0011744
WATER_PCB-00004860

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
	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 267245

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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