

Form Approved OMB
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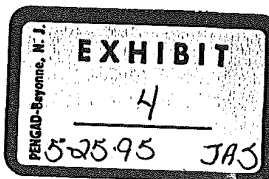
U.S. DEPARTMENT OF LABOR

Form No. OSHA-
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) 800 North Lindbergh Boulevard, St. Louis, Missouri 63166							
CHEMICAL NAME AND SYNONYMS			TRADE NAME AND SYNONYMS Aroclor 1221				
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		275-320		SPECIFIC GRAVITY (H ₂ O = 1) (25/15.5°C)	1.18
VAPOR PRESSURE (mm Hg.)		at 100°F		> 0.05		PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR = 1)		No Avail.		EVAPORATION RATE (H ₂ O = 1)		< 1	
SOLUBILITY IN WATER (g/100 ml)		at 25°C negligible		< 0.01%			
APPEARANCE AND ODOR		colorless oil		aromatic odor			
SECTION IV FIRE AND EXPLOSION HAZARD DATA							
FLASH POINT (Method used)				Not Avail			
EXTINGUISHING MEDIA				water, foam, CO ₂ , or dry chemical.			
SPECIAL FIRE FIGHTING PROCEDURES				Respiratory protection when fighting fires where exposure to vapors or gases is possible.			
UNUSUAL FIRE AND EXPLOSION HAZARDS				Highly toxic fumes (chlorides and chlorine) can be evolved in fires of this product.			

WLS 001897



WATER_PCB-SD0000064850

Aroclor 1221

SECTION V

HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Not Available
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

AIDS 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 (EFFECTIVE TYPE) Bureau of Mines approved respirator for organic vapors.			
VENTILATION	LOCAL EXHAUST	Yes - for vapors	SPECIAL
	OTHER (Specify)		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	WLS 001898

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:KOW:JMC:MDR