

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) 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 1242			
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				%	
SECTION III. PHYSICAL DATA					
BOILING POINT (P.F.)		760 mm	325-360°C	SPECIFIC GRAVITY (H ₂ O=1) (25/25°C)	1.380
VAPOR PRESSURE (mm Hg.)		(155-195°C)	3 mm	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)		Not Avail.		EVAPORATION RATE (BuAc=1)	<1
SOLUBILITY IN WATER		20°C negligible	<0.01%		
APPEARANCE AND ODOR		colorless oil slight aromatic odor			
SECTION IV. FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT (Method used)			C.O.C. 180°C	FLAMMABLE LIMITS	
				LeI	UeI
				N.A.	N.A.
EXTINGUISHING MEDIA Water, foam, CO₂ 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 gases (chlorides and chlorine) can be evolved in fires of this product.					

00000280

Aroclor 1242

SECTION V

HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	1.0 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. Place in drums and 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 laws.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST	Yes - for vapors
	MECHANICAL (General)	
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.
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.

JAG:HOH:JTG:WBP

1/24/72