

Form Approved OMB
No. 44-R1387
Approval Expires:
July 30, 1972

U.S. DEPARTMENT OF LABOR

Form No. OSHA-20
May, 1971

MATERIAL SAFETY DATA SHEET

81101-246

1- S.D. Felt
1- R. McCutchan

SECTION I					
MANUFACTURER'S NAME MONSANTO COMPANY				EMERGENCY TELEPHONE NO. (314) 694-1000	
ADDRESS (Name, 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				%	TLV (Units)
SECTION III PHYSICAL DATA					
BOILING POINT (°F.)		760 mm	325-360°C	SPECIFIC GRAVITY (H ₂ O = 1) (25/25°C)	
VAPOR PRESSURE (mm Hg.)		(155-195°C)	3 mm	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		Not Avail		EVAPORATION RATE 1 BUAC = 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)			FLAMMABLE LIMITS		LoL N.A.
C.O.C. 180°C					UoL 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.					

MONS 029352

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	
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	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Absorb on clay, sandust or other absorbent. Place in drums and bury in approved chemical landfill in accordance with local and state regulations.
WASTE DISPOSAL METHOD BURY 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)	
SPECIAL		
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
MONS 029353

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