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U.S. DEPARTMENT OF LABOR

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MATERIAL SAFETY DATA SHEET

1- S.D. File
1- R.M. Cushman

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 1248		
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		345-385°C	
SPECIFIC GRAVITY (H ₂ O = 1) (25/25°C)				1.445	
VAPOR PRESSURE (mm Hg.)		165-210°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 to yellow oil		aromatic odor	
SECTION IV FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT (Method used)		C.O.C. 196°C		FLAMMABLE LIMITS	
				Lel N.A. Uel N.A.	
EXTINGUISHING MEDIA					
SPECIAL FIRE FIGHTING PROCEDURES					
Respiratory protection when fighting fires where exposure to vapor or gases is possible:					
UNUSUAL FIRE AND EXPLOSION HAZARDS					
Highly toxic gases (chlorides and chlorine) can be evolved in fires of this product.					

DSW 267540

TOWOLDMON0011783

Aroclor 1248 SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

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, CO₂, 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 STORING

Avoid skin and eye contact, avoid inhalation of vapors.

OTHER PRECAUTIONS

DSW 267541

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

1/25/72

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