

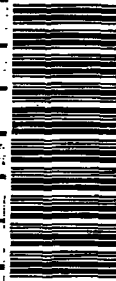
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U.S. DEPARTMENT OF LABOR

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		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	%		
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 (°F.)		760 mm		275-320	SPECIFIC GRAVITY (H ₂ O = 1) (25/15.5°C)	1.187
VAPOR PRESSURE (mm Hg.)		at 100°F		> .005	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR = 1)		Not Avail.			EVAPORATION RATE (BuAc = 1)	<1
SOLUBILITY IN WATER		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		FLAMMABLE LIMITS		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 gases (chlorides and chlorine) can be evolved in fires of this product.						



00000277

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

STABLE

CONDITIONS TO AVOID

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, smoke, soot, chlorides and chlorineHAZARDOUS
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

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

VENTILATION

LOCAL EXHAUST

Yes - for vapors

SPECIAL

Vapors.

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

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

4/14/72