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U.S. DEPARTMENT OF LABOR

WAGE AND LABOR STANDARDS ADMINISTRATION
Bureau of Labor Standards

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME: MONSANTO CO.	EMERGENCY TELEPHONE NO.: (314) 0X4-1000
ADDRESS (Number, Street, City, State, and ZIP Code): 800 N. LINDBERGH ST. LOUIS, MISSOURI 63166	
CHEMICAL NAME AND SYNONYMS: CHLORINATED BIPHENYL AND CL-BENZENE	TRADE NAME AND SYNONYMS: ASKAREL 5, PYRANOL, INERTEEN
CHEMICAL FAMILY: CHLORO BIPHENYL-CHLORO BENZENE	FORMULA

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)
NONE		

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	220 C	SPECIFIC GRAVITY (H_2O=1)	1.38
VAPOR PRESSURE (mm Hg.) 100 C	20	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER	INSOL.		
APPEARANCE AND ODOR	COLORLESS LIQUIDS	CHLORO AROMATIC ODOR	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) C.O. Cup 320° F	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA SELF EXT. DOES NOT BURN UP TO BOILING POINT			
SPECIAL FIRE FIGHTING PROCEDURES NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS FIRE RESISTANT			

MONS 028713

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 0.5 TO 1.0 MG PER CUBIC METER OF AIR PER 8 HR. WORK DAY

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID: AVOID PROLONGED SKIN CONTACT
	STABLE	✓	DO NOT BREATH HOT VAPORS

INCOMPATABILITY (Materials to avoid): PLASTICS, PAINTS, LACQUERS, VARNISH

HAZARDOUS DECOMPOSITION PRODUCTS: HCL

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: ADSORB WITH SAWDUST WIPE WITH RAGS USE HIGH FLASH V.M.P NAPHTHA SOLVENT

WASTE DISPOSAL METHOD: LAND FILL OR INCINERATE IN 2000°F INCINERATOR WITH HCL GAS SCRUBBER

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): CANISTER TYPE RESPIRATOR

VENTILATION	LOCAL EXHAUST: FAN		SPECIAL
	MECHANICAL (General)		OTHER

PROTECTIVE GLOVES: VITON RUBBER

EYE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN DRY AREA

OTHER PRECAUTIONS

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