

U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
Bureau of Labor Standards

Form No. OSHA-2
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 Pyranol A13B3B-2
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 210 - 400°	SPECIFIC GRAVITY IN H ₂ O @ 25/15 C 1.515-1.525
VAPOR PRESSURE (mm Hg.) Not Avail	PERCENT VOLATILE BY VOLUME (%) N.A.
VAPOR DENSITY (AIR=1) Not Avail	EVAPORATION RATE <1
SOLUBILITY IN WATER 20°C negligible	
APPEARANCE AND ODOR Colorless oil aromatic odor	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Burn	None to Boiling	FLAMMABLE LIMITS	Lel N.A.	Uel N.A.
EXTINGUISHING MEDIA Self				
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 (hydrogen chloride) can be evolved.				

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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		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Material(s) to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
CO, CO ₂ , smoke, soot, hydrogen chloride			
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 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	

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

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