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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 Pydraul 90E	
CHEMICAL FAMILY			FORMULA	
SECTION II HAZARDOUS INGREDIENTS				
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	% (1)
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				% (1)
Not hazardous by definitions in 29 CFR section 1501.2 which pertains to this data sheet.				
SECTION III PHYSICAL DATA				
BOILING POINT (mm.)	760 mm.	>800°F.	SPECIFIC GRAVITY (H ₂ O=1) 25/25°C	1.160
VAPOR PRESSURE (mm Hg.)	100°F.	<1mm	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)		N.A.	EVAPORATION RATE (BuAc=1)	<1
SOLUBILITY IN WATER	Negligible			
APPEARANCE AND ODOR	Clear, oily liquid. Slight sweet odor.			
SECTION IV FIRE AND EXPLOSION HAZARD DATA				
FLASH POINT (Method used)	COC	485°F.	FLAMMABLE LIMITS	N.A.
			LeI	UeI
EXTINGUISHING MEDIA	Dry powder, CO₂, chemical foam, water fog.			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

00003626

Hydral 90E

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Not established.
EFFECTS OF OVEREXPOSURE	Impossible at ambient temperature. Excessive high temperature may produce irritating vapors.
EMERGENCY AND FIRST AID PROCEDURES	Unlikely to be necessary. Remove to fresh air.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) None			
HAZARDOUS DECOMPOSITION PRODUCTS Smoke, soot, CO, CO ₂			
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	Clean up like other non-hazardous liquids.
WASTE DISPOSAL METHOD	Same as motor oil.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Not necessary.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES Not necessary.		EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT None		Not necessary except as good industrial practice.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Although no special precautions appear necessary, good industrial practice as to Housekeeping, personal hygiene,
OTHER PRECAUTIONS	avoidance of prolonged and repeated skin contact and splashing in eyes is indicated.

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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