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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	%	(I
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	%	(I
Not hazardous by definitions in 29 CFR section 1501.2 which pertains to this data sheet.		



SECTION III PHYSICAL DATA

BOILING POINT (F) 760 mm.	>800°F.	SPECIFIC GRAVITY (H_2O=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.	Lel	Uel
EXTINGUISHING MEDIA: Dry powder, CO_2, chemical foam, water fog.			
SPECIAL FIRE FIGHTING PROCEDURES:			
UNUSUAL FIRE AND EXPLOSION HAZARDS:			

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Hydraul 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	

INCOMPATABILITY *(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: If excessively high temp.	SPECIAL
	MECHANICAL *(General)*: Not necessary.	OTHER

PROTECTIVE GLOVES	Not necessary.	EYE PROTECTION	Not necessary except as good industrial practice.
OTHER PROTECTIVE EQUIPMENT	None		

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, avoidance of prolonged and repeated skin contact and splashing in eyes is indicated.

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.

HOH:EPW:WBP

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