Form Approved OMB
No. 44-R1387
Approval Expires:
July 30, 1972

U.S. DEPARTMENT OF LABOR

Form No. OSHA-20
May, 1971

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
MONSANTO COMPANY	(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
Mixture	Pydraul 115E

CHEMICAL FAMILY	FORMULA
Hydraulic fluid	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)
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.	730°F	SPECIFIC GRAVITY (H_2O=1)	25/25°C 1.155
VAPOR PRESSURE (mm Hg.)	200°F	< 0.01	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)		N.A.	EVAPORATION RATE (BuAc =1)	< 1
SOLUBILITY IN WATER		Negligible		

APPEARANCE AND ODOR Light amber liquid - mild sweet odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	COC	475°F	FLAMMABLE LIMITS	Lel	Uel

EXTINGUISHING MEDIA: Water fog, foam, CO_2

SPECIAL FIRE FIGHTING PROCEDURES: N.A.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N.A.

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STLCOPCB4062710

Pydraul 115E

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None established

EFFECTS OF OVEREXPOSURE: None at ambient temperature. At elevated temperature, irritation of mucous membrane, headache, nausea.

EMERGENCY AND FIRST AID PROCEDURES: Not likely to be necessary at ambient temperature. If exposed to high concentration at elevated temperature, remove patient to fresh air.

SECTION VI REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	x	

INCOMPATABILITY (Materials to avoid): None

HAZARDOUS DECOMPOSITION PRODUCTS: CO_2, CO, Soot

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	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 absorbent material, sweep up and dispose of in approved chemical landfill in accordance with local and state regulations.

WASTE DISPOSAL METHOD: Bury in chemical landfill.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): Bureau of Mines organic respirator if vapors are present because of elevated temp.

VENTILATION		
	LOCAL EXHAUST: If needed at elevated temperature.	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES: Rubber gloves for unavoidab repeated or prolonged contact.

EYE PROTECTION: Chemical goggles

OTHER PROTECTIVE EQUIPMENT:

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: None

OTHER PRECAUTIONS: None

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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.

HOK:FPW:URP

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