DEC 14 1971

Form Approved
Budget Bureau No. 44-R1387
Approval Expires April 30, 1971

Form No. LSB-OOS-4
May 1969

U.S. DEPARTMENT OF LABOR

WORKPLACE STANDARDS ADMINISTRATION

Bureau of Labor Standards

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 Blvd. St. Louis, Mo. 63166	
CHEMICAL NAME AND SYNONYMS: Mixture	TRADE NAME AND SYNONYMS: Pydraul 540 B
CHEMICAL FAMILY: Hydraulic fluid	FORMULA: Mixture

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%
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 29CFR section		
1501.2 which pertains to this data sheet.		

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SECTION III PHYSICAL DATA

BOILING POINT (°F.)	760 mm.	680	SPECIFIC GRAVITY (H_2O=1) 25/25°C	1.125
VAPOR PRESSURE (mm Hg.)	at 200°F	0.26	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)		N.A.	EVAPORATION RATE (BuAc =1)	<1
SOLUBILITY IN WATER	Negligible			
APPEARANCE AND ODOR	Green liquid - faint oily odor			

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	COC 440°F	FLAMMABLE LIMITS	N.A.	Lel / Uel
EXTINGUISHING MEDIA				
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

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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.

PYDRAUL 540B

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 1.0 mg/m^3

EFFECTS OF OVEREXPOSURE None at ambient temperature. At elevated temperature, irritation of mucous membrane, headache nausea. If repeated and prolonged, possible liver damage

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	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	

INCOMPATABILITY *(Materials to avoid)* None

HAZARDOUS DECOMPOSITION PRODUCTS HCl, CO_2, CO, Soot, Phenolics, Aldehydes

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 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.

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

PROTECTIVE GLOVES Rubber gloves for unavoidable repeated or prolonged contact. EYE PROTECTION Chemical goggles

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid inhalation of vapors. Avoid accidental eye contact and prolonged or repeated skin contact.

OTHER PRECAUTIONS None

HOH:EPW

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