

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-11387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME

Monsanto Co

EMERGENCY TELEPHONE NO.

(314) 694-1000

ADDRESS (Number, Street, City, State, and ZIP Code)

300 N. LINCOLN AVE. ST. LOUIS, MO. 63166

CHEMICAL NAME AND SYNONYMS

Phosphate Ester Base Hydraulic Fluid

TRADE NAME AND SYNONYMS

Pydrene

CHEMICAL FAMILY

FORMULA

PROPRIETARY 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)
<i>NOT HAZARDOUS BY DEFINITION OUTLINE 29CFR 1915.2 WHICH PERTAINS TO THIS DATA SHEET.</i>					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O = 1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (--- = 1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Let	Uet
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

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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

UNSTABLE

CONDITIONS TO AVOID

STABLE

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

CO₂, CO, SO₂, Oxides of Phosphorus

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

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 a secure Class I landfill.

WASTE DISPOSAL METHOD

Dispose of this product by incineration in a Class I landfill.

Do not rinse or reuse containers. Dispose of containers

in a secure Class I landfill.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

USE NIOSH/MSHA APPROVED

VENTILATION

LOCAL EXHAUST

SPECIAL ELEVATED TEMPERATURE

IF HEATED AT ELEVATED TEMPERATURE

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Rubber gloves

EYE PROTECTION

Chemical goggles

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store away from food, pharmaceuticals and animal feed

Chemicals, packaging material, and products.

OTHER PRECAUTIONS

CAUTION: This product may be toxic to fish. Prevent entry

into the environment through spills, leakage, disposal

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or other discharge

GPO 9-20-240

Form OSHA 20

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LRS/MWB/FAP/BCW

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