



MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: Press Lubricant SAE 20 No.502
Chemical names, common names: Petroleum hydrocarbon with additives.
Manufacturer's Name: HURST CHEMICAL COMPANY
Address: 2500 San Fernando Road, Los Angeles, CA. 90065
DOT CLASSIFICATION: Lubricating oil (Not regulated)
For Product Information, call : (323) 223-4121
FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 800 424-9300

II. HAZARDOUS INGREDIENTS

<u>Chemical Names</u>	<u>CAS Number</u>	<u>Exposure Limits in Air</u> <u>ACGIH (TWA)</u>	<u>OSHA (PEL)</u>
Naphthenic Oil	64742-52-5	5 mg/m3	5 mg/m3

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and 40 CFR 372.

<u>Listed Ingredients</u>	<u>CAS Number</u>	<u>Weight % Range</u>
NONE	NONE	NONE

III. PHYSICAL PROPERTIES

Vapor density (air = 1): >5
Solubility in water: < 1 %
Evaporation rate (Bu Ac = 1): <1
Appearance and odor: Clear oily liquid, with lube oil odor.
Volatile Organic Content (VOC,EPA Method 24): 29 gm/1 or 0.24 lb/gal

Specific Gravity: 0.904
Density lb/gal: 7.54
VOC Composite Partial Pressure, mm Hg at 20°C: < 0.01
Boiling Range °F: > 570

IV. FIRE AND EXPLOSION

<u>HAZARD RANKING</u>			
HMIS	Health Hazard=0	0=Least	4=Extreme
HAZARD	Flammability=1	1=Slight	
CLASS	Reactivity= 0	2=Moderate	
	Other = B	3 = High	
		B=Safety Goggles and Gloves	

Flash Point °F: 350
Flammable limits in air, volume%: lower: 0.9 upper: 7.00
Fire extinguishing materials: water spray carbon dioxide foam
 dry chemical other

Special firefighting procedures: Combustible material; keep containers cool with water spray. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.
Unusual fire and explosion hazard: This material will burn, but will not ignite readily.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Product has a low degree of toxicity. Mists or vapors from heated material may cause irritation of the respiratory tract and mucous membranes.
Contact with skin or eyes: May cause irritation of eyes and skin. Prolonged or repeated skin contact tends to remove skin fat possibly leading to irritation and dermatitis.
Absorbed through skin: Product has a low order of acute dermal toxicity.
Swallowed: Product has a low degree of oral toxicity, but minute amounts aspirated into lungs during ingestion may cause mild to severe pulmonary injury.

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Possible irritation of eyes and skin under prolonged contact.
Chronic: None

FIRST AID: EMERGENCY PROCEDURES -

Eye contact: Flush eyes immediately with water for 15 minutes lifting upper and lower eyelids..

Skin contact: Wash promptly with soap and water.

Inhaled: Vapor inhalation under ambient temperature is normally not a problem. Remove from exposure to fresh air, apply artificial respiration, if necessary.

Swallowed: Seek medical advice. Give large quantities of water.

COMMENTS: This product contains no ingredients which are listed in the Federal OSHA, NTP, or IARC lists of suspected carcinogenic chemicals.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: n/a

RECOMMENDATIONS TO PHYSICIAN - n/a

VI. REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Strong acids, alkalis, and oxidizers such as liquid chlorine, sodium hypochlorite or calcium hypochlorite and concentrated oxygen.

Hazardous decomposition products (including combustion products): Carbon monoxide, carbon dioxide, smoke and aldehydes.

Hazardous polymerization: Will not polymerize under ordinary conditions of use and storage.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: Eliminate ignition sources. Contain spills for salvage or disposal. Minimize dilution water to control spill volume. Avoid run-off into sewers and ditches.

Preparing wastes for disposal: Dispose of product in accordance with Local, County, State and Federal Regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Normal shop ventilation is adequate.

Respiratory Protection: In confined working atmosphere where mist is prevalent, use NIOSH-approved air-purifying respirator with mist filter.

Eye Protection: Use safety goggles where solvent splashes are expected.

Gloves: Prevent repeated or prolonged skin contact with rubber or nitrile gloves.

Other clothing and equipment: Use chemical-resistant apron or other impervious clothing, if needed to avoid contaminating regular clothing which could result in prolonged or repeated skin contact. Eye wash and quick drench shower facilities should be available in the work area.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice.

HURST CHEMICAL COMPANY furnishes Material Safety Data Sheets based upon information from raw material suppliers. This information is provided in compliance with Federal Regulation 29CFR 1910.

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