

MATERIAL SAFETY DATA SHEET**SECTION 1 – IDENTIFICATION**

PRODUCT: **Performance Hydra Jack Oil** DISTRIBUTED BY: Custom Blending
 & Packaging
 Chemical Formula: Proprietary PO Box 62
 Chemical Name: Petroleum Hydrocarbon Dupo, IL 62239
 Date: 04/2005 618-286-1140

SECTION 2 – INGREDIENTS

CAS #	NAME	PEL/TLV
64742-53-6	Petroleum Hydrocarbon	5mg/M3 (for mist)

** Hazardous ingredient per 29 CFR 1910.1200.

*Subject to reporting requirements of SARA Title III, Section 313.

This product contains no components listed as a carcinogen by NTP, IARC, or OSHA.

SECTION 3 – PHYSICAL DATA

Boiling Point F: less than 500	Melting Point F: NA
Vapor Pressure: NA	Evaporation Rate: NA
Vapor Density: (Air=1) NA	Solubility in Water: Negligible
Specific Gravity (H2O=1): .876	% Volatile by volume: NA
Appearance and Odor: Amber liquid, petroleum odor	

Characteristics**Min/Max**

Gravity, APT @ 60 F	25.5/28.5
Pour Point, F	-59/-64
Flash, CDC, F	325/350
Copper Strip 4hrs/200 F	1B
Aniline Point, F	171/182
Saponification NO., mbkoh/gm	4.4/6.5
Viscosity @ -20 F	1100cP typical/1500cP Max
Viscosity, SUS @ 100 F	65/70
210 F	35/36.2 (Typical)
Viscosity Index	93

Viscosity, CST	
@100 F	11.72/13.08
@210 F	2.76/2.96 (Typical)
Zinc, wt%	0.035
Phosphorus, wt%	0.031
Weight	7.32#/gallon

SECTION 4 – FIRE & EXPLOSION HAZARDS

Flash Point F: 405	Auto-ignition Temp: NA
Flammable Limits: NA	Upper: NA
Extinguishing Media: Dry chemical, foam, CO2, water spray	

Special Fire Fighting Procedures: Wear self contained breathing apparatus with full face piece when in enclosed spaces.

Unusual Fire and Explosion Hazards: Cool fire exposed containers with water.

Hazard Ratings: Health – 1 Fire – 1 Reactivity – 0

SECTION 5 – HEALTH HAZARD DATA

Effects of overexposure – INHALATION: Not expected to be acutely toxic by inhalation. May cause irritation of nasal and respiratory passages.

First Aid Procedures: Remove to fresh air, provide oxygen if difficulty in breathing. Contact physician.

Effects of Overexposure – SKIN: Prolonged or repeated contact may cause irritation and dermatitis.

First Aid Procedures: Wash with soap and water. If irritation occurs, contact physician.

Effects of overexposure – EYE: May cause moderate irritation.

First Aid Procedures: Flush with water for at least 15 minutes. Consult a physician if irritation persists.

Effects of Overexposure – INGESTION: Single dose toxicity low to moderate. If vomiting occurs, can be aspirated into lungs, which can cause chemical pneumonia.

First Aid Procedures: Do not induce vomiting. Get medical attention immediately.

SECTION 6 – REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Heat, open flame, and strong oxidizers.

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: May form carbon monoxide or carbon dioxide upon combustion.

SECTION 7 – SPILL OR LEAK PROCEDURES

Steps to be taken in case material is spilled or leaked: Large Spills: Shut off source of leak. Evacuate area and ventilate. Remove ignition sources. Dike and contain. Remove with vacuum trucks or pump to storage vessels. Remaining liquid may be taken up with sand, earth, or other absorbent if necessary. Avoid contamination of ground and surface waters. Do not flush to sewer. Dispose of properly. Small spills: Take up with absorbent material and dispose of properly. REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES.

Waste Disposal Method: Dispose of in accordance with state, local and federal regulations.

SECTION 8 – CONTROL MEASURES

Respiration Protection: Not normally required. If vapor concentration becomes high use self contained air mask.

Ventilation: Local exhaust is adequate.

Gloves: Neoprene

Eye Protection: Chemical goggles should be worn where eye contact may occur.

Other: none

SECTION 9 – HANDLING AND STORAGE PRECAUTIONS

Precautions to be taken in handling and storage: Keep container tightly closed. Keep from heat and flame sources.

Precautions for use: Do not take internally. Avoid breathing vapor or mist. Wash thoroughly after skin contact.

Notice: This data represents typical values, not product specifications. No guarantee of accuracy or completeness is made. No responsibility is assumed for any kind of loss or damages arising from use of this data.