# MATERIAL SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION

PRODUCT: **Performance Hydra Jack Oil** & Packaging
Chemical Formula: Proprietary
Chemical Name: Petroleum Hydrocarbon
Date: 04/2005

DISTRIBUTED BY: Custom Blending
PO Box 62
Dupo, IL 62239
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
Vapor Pressure: NA
Vapor Density: (Air=1) NA
Specific Gravity (H20=1): .876
Melting Point F: NA
Evaporation Rate: NA
Solubility in Water: Negligible
% 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 | 1100oP 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:** Nor 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 my 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.