

HYDRAULIC JACK OIL

80-3418

HMIS RATING	
Health	1
Flammability	1
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	0
Flammability	1
Reactivity	0

NFPA 30B LEVEL	
NA	

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1. PRODUCT IDENTIFICATION

PART NUMBER..... 80-3418
PRODUCT NAME Hydraulic Jack Oil
CHEMICAL FAMILY..... Petroleum Based Lubricating Oil
DOT SHIPPING..... Limited Quantity (LQ)

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Base Oil, Distillates, Hydrotreated, Petroleum Hydrocarbon	5mg/m3	5mg/m3	10mg/m3	100

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3. PHYSICAL DATA

BOILING POINT (RANGE)..... >480 deg F (249 deg C)
VAPOR PRESSURE PSIG <0.01 mmHg @ 100 deg F
VAPOR DENSITY (AIR = 1) >1
SOLUBILITY IN WATER..... Insoluble in water
SPECIFIC GRAVITY (H2O = 1)..... 0.86-0.94 @15.6 deg C
MELTING/FREEZING POINT..... N/A
EVAPORATION RATE (Butyl=1)..... N/A
VOC content (by weight)..... N/A
APPEARANCE AND ODOR..... Colorless to Brown oily liquid.

4. FIRE AND EXPLOSION DATA

FLASH POINT..... >120 deg C (248 deg F)
UPPER EXPLOSIVE LIMIT (%)..... N/A
LOWER EXPLOSIVE LIMIT (%)..... N/A
EXTINGUISHING MEDIA..... Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
SPECIAL FIREFIGHTING PROCEDURES..... This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self contained breathing apparatus.
FIRE AND EXPLOSION HAZARDS..... Highly dependent upon combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY..... Eye, skin, ingestion and inhalation
HEALTH HAZARDS (ACUTE AND CHRONIC) ...
EYE CONTACT: Not expected to cause prolonged or significant eye irritation.
SKIN CONTACT: Contact with the skin is not expected to cause prolonged or significant irritation even if absorbed through the skin
INHALATION: Not expected to be harmful if inhaled. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the oil mist exposure level.
INGESTION: Not expected to be harmful if swallowed.
SIGNS & SYMPTOMS OF EXPOSURE: Respiratory irritation may include coughing and difficulty breathing

5. HEALTH EFFECTS DATA (Cont'd)

MEDICAL CONDITIONS GENERALLY

AGGRAVATED BY EXPOSURE..... None known

FIRST AID PROCEDURES

EYES: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.
SKIN CONTACT: No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.
INGESTION: No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice.
INHALATION: No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines)..... None

6. REACTIVITY

STABILITY..... This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
INCOMPATIBILITIES..... May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
HAZARDOUS DECOMPOSITION PRODUCTS Hydrogen Sulfide (Temperatures >149 deg F (65 deg C)
HAZARDOUS POLYMERIZATION..... Will not occur
HAZARDOUS POLYMERIZATION CONDITIONS..... Hazardous polymerization will not occur

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS..... None
EYE PROTECTION..... Where splashing is possible, wear safety glasses with side shields as a good safety practice.
VENTILATION Use in a well ventilated area.
PROTECTIVE GLOVES..... Nitrile Rubber
RESPIRATORY No respiratory protection is normally required. For air purifying respirators use a particulate cartridge. Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.
SPILL OR LEAK PROCEDURES..... Report spills to local authorities.
WASTE DISPOSAL METHODS..... Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

KIMBALL MIDWEST

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