

U.S. OIL CO., INC. -- PREMIUM HYDRAULIC OIL, HF100, HF101, HF102, H

=====
MSDS Safety Information
=====

FSC: 9150
NIIN: 01-462-3234
MSDS Date: 03/14/2001
MSDS Num: CLFKD
Product ID: PREMIUM HYDRAULIC OIL, HF100, HF101, HF102, HF104
MFN: 01
Responsible Party
Cage: 9V710
Name: U.S. OIL CO., INC.
Address: 425 S. WASHINGTON
ST.
Box: 25
City: COMBINED LOCKS WI 54113
Info Phone Number: 414-739-6100/9207358298
Emergency Phone Number: 920-735-8298
Resp. Party Other MSDS No.: 1085-E1A0.10 -REV A (4.6.00)

=====
Item Description Information
=====

Item Manager: S9G
Item Name: LUBRICATING OIL, HYDRAULIC
Unit of Issue: EA
Type of Container: EACH

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====
Health Hazards Data
=====

Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: EYE: CONTACT WITH EYES MAY CAUSE IRRITATION. SKIN: CONTACT WITH SKIN MAY CAUSE IRRITATION. INHALATION: MAY CAUSE IRRITATION OF THE N

OSE

AND THROAT. INGESTION: MAY CAUSE NAUSEA AND VOMITING. LARGE QUANTITIES MAY EFFECT THE CENTRAL NERVOUS SYSTEM. CHRONIC: NO ADVERSE EFFECTS ANTICIPATED.

Signs And Symptoms Of Overexposure: MAY CAUSE IRRITATION OF EYES AND SKIN.

INHALATION: MAY CAUSE IRRITATION OF THE NOSE AND THROAT. INGESTION: MAY CAUSE NAUSEA AND VOMITING. LARGE QUANTITIES MAY EFFECT THE CENTRAL NERVOUS SYSTEM. CHRONIC: NO ADVERSE EFFECTS ANTICIPATED.

Medical Cond Aggravated By Exposure: EXISTING DERMATITIS AND RESPIRATORY CONDITIONS.

First Aid: EYE: IMMEDIATELY WASH W/ LARGE AMOUNTS OF WATER FOR 15 MINS., LIFTING LOWER & UPPER LIDS. GET MEDICAL ATTENTION. SKIN: WASH W/ SOAP & WATER. IF THE MATERIAL PENETRATES THROUGH CLOTHING, REMOVE THE CLOTHING & WASH THE SKIN W/ SOAP & WATER PROMPTLY. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION IMMEDIATELY. INHALATION: IF PERSON BREATHES IN LARGE AMOUNTS OF MATERIAL, MOVE THE EXPOSED PERSON TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED,

PERFORM ARTIFICIAL RESPIRATION. KEEP THE PERSON WARM & AT REST. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. INGESTION: DO NOT INDUCE VOMITING, GET MEDICAL HELP.

=====
Handling and Disposal
=====

Spill Release Procedures: PERSONAL PROTECTIVE EQUIPMENT SHOULD BE WORN. VENTILATE AREA IF CONFINED OR POORLY VENTILATED. CONTAIN WITH DIKES OR ABSORBENT TO PREVENT MIGRATION TO SEWERS/STREAMS.

TAKE UP SMALL SPILL WITH DRY CHEMICAL ABSORBENT; LARGE SPILLS MAY REQUIRE PUMP OR VACUUM PRIOR TO ABSORBENT. MAY REQUIRE EXCAVATION OF SEVERELY CONTAMINATED SOIL. AVOID CONTACT WITH SKIN AND EYES.

Waste Disposal Methods: PLACE CONTAMINATED MATERIALS IN A DISPOSABLE CONTAINER AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions: STORE IN CLOSED CONTAINER AWAY FROM ALL IGNITION SOURCES. HANDLING TEMPERATURES SHOULD NOT EXCEED 175F (80C). WASH THOROUGHLY AFTER HANDLING. DO NOT STORE AT TEMPERATURES EXCEEDING 113F (45C).

Other Precautions: ODOROUS AND TOXIC FUMES MAY FORM FROM THE DECOMPOSITION OF THIS PRODUCT IF STORED AT EXCESSIVE TEMPERATURES FOR EXTENDED PERIODS OF TIME. OPEN CONTAINERS CAREFULLY AND ONLY IN WELL VENTILATED AREAS OR USE APPROPRIATE RESPIRATORY PROTECTION. STORE IN WELL VENTILATED AREA.

=====
Fire and Explosion Hazard Information
=====

Flash Point: >143.3C, 290.F

Autoignition Temp: >260.C, 500.F

Extinguishing Media: USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. USE FOAM, DRY CHEMICAL OR WATER SPRAY (FOG) TO EXTINGUISH FIRE.

Fire Fighting Procedures: WHEN FIGHTING FIRES WEAR FULL TURNOUT GEAR AND SELF CONTAINED BREATHING APPARATUS. WATER MAY CAUSE SPLATTERING. MATERIAL FLOATS ON WATER.

Unusual Fire/Explosion Hazard: TOXIC FUMES GASES OR VAPORS MAY EVOLVE ON BURNING.

Control Measures

Respiratory Protection: NORMALLY NOT REQUIRED, IF EXPOSURE LIMITS ARE EXCEEDED USE A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR. SELF CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR ENTRY INTO CONFINED SPACES OR OTHER POORLY VENTILATED AREAS AND FOR LARGE SPILL CLEAN-UP SITES.

Ventilation: VENTILATE TO CONTROL MISTS AND VAPORS BELOW EXPOSURE LIMITS.

Protective Gloves: IMPERVIOUS (NITRILE) GLOVES RECOMMENDED

Eye Protection: CHEMICAL GOGGLES OR FACESHIELD RECOMMENDED TO MINIMIZE EYE CONTACT

Other Protective Equipment: LONG SLEEVE SHIRTS, CHEMICALLY PROTECTIVE APRONS & BOOTS ARE RECOMMENDED FOR CONTACT EXPOSURE OR SPILL CLEAN-UP. WATER SHOULD BE AVAILABLE FOR FLUSHING & WASHING WHEN EXPOSURE EXISTS.

Work Hygienic Practices: LAUNDRY SOILED CLOTHES. DISCARD SHOES OR OTHER LEATHER ARTICLES SATURATED WITH THE MATERIAL.

Supplemental Safety and Health: DO NOT WEAR WATCHES, RINGS OR SIMILAR APPAREL THAT COULD ENTRAP THE MATERIAL NEXT TO THE SKIN.

Physical/Chemical Properties

HCC: V6

B.P. Text: N/D

Vapor Pres: <1 MM HG 68F

Vapor Density: N/D

Spec Gravity: 0.8850 - 0.8950

PH: N/D

Solubility in Water: INSOLUBLE

Appearance and Odor: LIGHT BLUE LIQUID; MILD ODOR.

=====

Reactivity Data

=====

Stability Indicator: YES

Stability Condition To Avoid: HANDLING TEMPERATURES SHOULD NOT EXCEED 175F (80C). DO NOT STORE AT TEMPERATURES EXCEEDING 113F (45C).

Materials To Avoid: ACIDS, OXIDIZING AGENTS.

Hazardous Decomposition Products: SMOKE, CARBON MONOXIDE, ALDEHYDES, HYDROGEN SULFIDE, ALKYL MERCAPTANS MAY BE RELEASED. UNDER COMBUSTION CONDITIONS, OXIDES OF THE FOLLOWING ELEMENTS WILL BE FORMED: MG, CA, NITROGEN, SULFUR & CARBON.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

=====

Toxicological Information

=====

Toxicological Information: U.S. OIL COMPANY HAS NOT CONDUCTED SPECIFIC TOXICITY TESTS ON THIS PRODUCT.

=====

Ecological Information

=====

=====

Ecological: U.S. OIL COMPANY HAS NOT CONDUCTED SPECIFIC ECOLOGICAL TESTS ON THIS PRODUCT.

=====

MSDS Transport Information

=====

Transport Information: DOT PSN: N/A.

=====

Regulatory Information

=====

Sara Title III Information: THIS PRODUCT DOES NOT CONTAIN TOXIC CHEMICALS SUBJECT TO T

HE REPORTING REQUIREMENTS OF SARA SEC 313 OF EPCRA (40 CFR 372).

SARA SEC 313-312 HAZARD CATEGORIES (40 CFR 370.2): ACUTE: NO; CHRONIC: NO; FIRE: NO; SUDDEN RELEASE OF PRESSURE: NO.

=====

Other Information

=====

Other Information: NFPA RATINGS: HEALTH = 1; FLAMMABILITY = 1; REACTIVITY = 0.

=====

Transportation Information

=====

=====
Responsible Party Cage: 9V710
Trans ID NO: 157542
Product ID: PREMIUM HYDRAULIC OIL, HF100, HF101, HF102, HF104
MSDS Prepared Date: 03/14/2001
Review Date: 06/20/2001
MFN: 1
Net Unit Weight: 7.4 LB/GL
Multiple KIT Number: 0
Unit Of Issue: EA
Type Of Container: EACH
=====

=====
Detail DOT Information
=====

DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY
THIS MODE OF TRANSPORTATION
=====

=====
Detail IMO Information
=====

IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
=====

=====
Detail IATA Information
=====

IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
HAZCOM Label
=====

Product ID: PREMIUM HYDRAULIC OIL, HF100, HF101, HF102, HF104
Cage: 9V710
Company Name: U S OIL CO INC
Street: 558 CARTER CT
City: KIMBERLY WI
Zipcode: 54136
Health Em

Emergency Phone: 920-735-8298
Label Required IND: Y
Date Of Label Review: 06/20/2001
Status Code: A
Year Procured: 2001
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Health Hazard: None
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None

Hazard And Precautions: EY/SKIN: MAY CAUSE IRRITATION. INHALATION: MAY CAUSE IRRITATION OF THE NOSE AND THROAT. INGESTION: MAY CAUSE NAUSEA AND VOMITING. LARGE QUANTITIES MAY EFFECT THE CENTRAL NERVOUS SYSTEM. CHRONIC: NO ADVERSE EFFECTS ANTICIPATED.

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.