

CHEVRON U.S.A. INC. -- CHEVRON AW HYDRAULIC OIL 68 -- 9150-00-985-7232

===== Product Identification =====

Product ID:CHEVRON AW HYDRAULIC OIL 68

MSDS Date:01/23/1987

FSC:9150

NIIN:00-985-7232

MSDS Number: BHBTX

=== Responsible Party ===

Company Name:CHEVRON U.S.A. INC.

Address:CHEVRON ENVIRONMENTAL HEALTH CENTER

Box:4054

City:RICHMOND

State:CA

ZIP:94804-0054

Country:US

Info Phone Num:415-233-3737

Emergency Phone Num:415-233-3737

CAGE:0GWP5

=== Contractor Identification ===

Company Name:CHEVRON ENVIRONMENTAL HEALTH CENTER INC

Address:15299 SAN PABLO AVE

Box:4054

City:RICHMOND

State:CA

ZIP:94804

Country:US

Phone:800-582-3835

CAGE:0AHD1

Company Name:CHEVRON USA INC

Address:810 GLENEAGLE CT

Box:City:BALTIMORE

State:MD

ZIP:21204

Country:US

Phone:301-821-4000

CAGE:0GWP5

===== Composition/Information on Ingredients =====

Ingred Name:HIGHLY REFINED BASE OILS;CAS#64742-54-7 OR

64742-65-0  
AND/OR 64742-01-4 OR 64742-55-8,72623-87-1 AND 72623-85-9  
Fraction by Wt: 99.0%  
OSHA PEL:5MG/CUM,AS OIL MIST  
ACGIH TLV:5MG/CUM,AS OIL MIST

Ingred Name:ADDITIVES (INCLUDING INHIBITORS,DEMULSIFIERS,ANTIWEAR AGENT  
AND ZINC ALKYL DITHIOPHOSPHATE,CAS#68649-42-3)  
Fraction by Wt: 1.0%

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF  
EYES,SKIN,RESPIRATORY OR G.I. TRACT,DISCOMFORT,SORE  
THROAT,COUGHING,BRONCHITIS,PULMONARY EDEMA,DIFFICULTY IN BREATHING.  
CHRONIC:IRRITATION,POSSIBLE DERMATITIS.  
Explanation of Carcinogenicity:PER MSDS DATA.  
Effects of Overexposure:SEE HEALTH HAZARDS DATA.  
Medical Condition Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.

===== First Aid Measures =====

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15 MINUTES;SEEK  
MEDICAL HELP IF NEEDED.SKIN:WASH WITH SOAP & WATER THOROUGHLY.  
INHALATION:REMOVE TO FRESH AIR.CALL A PHYSICIAN.INGESTION:IF  
CONSCIOUS,GIVE LARGE AMOUNTS OF WATER OR MILK,SEEK MEDICAL HELP  
IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point Method:COC  
Flash Point:428F/220C  
Extinguishing Media:CO<sub>2</sub>, DRY CHEMICAL,FOAM,WATER FOG.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.  
Unusual Fire/Explosion:

plosion Hazard:DO NOT WELD,HEAT OR DRILL  
CONTAINER;RESIDUE MAY IGNITE.

===== Accidental Release Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;REMOVE ALL  
IGNITION SOURCES;CONTAIN FREE LIQUID IF POSSIBLE.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED  
AREA;KEEP AWAY FROM HEAT,OPEN FLAMES,OXIDIZERS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC  
VAPORS/MIST IF ABOVE PEL/TLV.

Ventilation:GENERAL TO MAINTAIN AN ADEQUATE VENTILATION.

Protective Gloves:IMPERVIOUS.

Eye Protection:SAFETY GOGGLES RECOMMENDED.

Other Protective Equipment:APRON,BOOTS,EYE-WASH FACILITIES.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE  
VAPORS/MIST;WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V6

Spec Gravity:0.88

Viscosity:65.0 CST

Solubility in Water:NEGLIGIBLE

Appearance and Odor:PALE YELLOW LIQUID.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:NO  
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT,OPEN FLAMES,LIGHT.

Hazardous Decomposition Products:CO\*2,CO OR WATER VAPORS,OXIDES OF  
SULFUR AND PHOSPHORUS.

===== Disposal Considerations =====

=====

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH  
LOCAL,STATE AND FEDERAL REGULATIONS.

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 this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek compete  
nt professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.