

CHEVRON ENVIRONMENTAL HEALTH CENTER INC. -- TRACTOR HYDRAULIC FLUID --  
9150-01-177-9438

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

Product ID:TRACTOR HYDRAULIC FLUID

MSDS Date:10/04/1988

FSC:9150

NIIN:01-177-9438

MSDS Number: BKTBZ

=== Responsible Party ===

Company Name:CHEVRON ENVIRONMENTAL HEALTH CENTER INC.

Address:15299 SAN PABLO AVE.

Box:4054

City:RICHMOND

State:CA

ZIP:94804

Country:US

Info Phone Num:415-233-3737 OR 800-582-3835

Emergency Phone Num:415-233-3737 O

R 800-457-2022

CAGE:0AHD1

=== 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

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

Ingred Name:SOLVENT REFINED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM

CAS:64741-96-4

RTECS #:PY8040000

Fraction by Wt: SEE #3%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL M

IST

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM  
CAS:64742-52-5  
RTECS #:PY8035000  
Fraction by Wt: SEE#3%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:MINERAL OIL (INGREDIENTS 1, 2 & 3 > 90%)  
CAS:64742-65-0  
RTECS #:PY8038500  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:PRODUCT IS COMPOSED OF EITHER 1 OR 2 AND 3 ABOVE OR 5 AND 6  
BELOW, PLUS ADDITIVES AND BUTYLBENZ  
YLPHTHALATE.  
RTECS #:9999999ZZ  
Other REC Limits:NONE SPECIFIED

Ingred Name:HIGHLY REFINED BASE OIL  
CAS:72623-87-1  
Fraction by Wt: SEE #6%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:HIGHLY REFINED BASE OIL (INGREDIENTS 5 & 6 > 90%)  
CAS:72623-85-9  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:ADDITIVES INCLUDING INHIBITORS, ANTIWEAR AGENTS & ZINC  
ALKYL DITHIOPHOSPHATE  
CAS:68649-43-3  
Frac

tion by Wt: < 10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:BUTYL BENZYL PHTHALATE (SARA III)  
CAS:85-68-7  
RTECS #:TH9990000  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-MAY CAUSE RESPIRATORY  
SYSTEM,SKIN AND/OR EYE IRRITATION.  
INGESTION:NOT EXPECTED TO HAVE  
ACUTE SYSTEMIC TOXICITY.CHRONIC-NOT GIVEN.  
Effects of Overexposure:SEE HEALTH HAZARDS SECTION. INHALATION:NASAL  
DISCHARGE,SORE THROAT,COUGHING,BRONCHITIS,PULMONARY EDEMA AND  
DIFFICULTY IN BREATHING.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:CONSULT A PHYSICIAN.INHALATION:REMOVE TO FRESH  
AIR.EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MIN  
UTES  
HOLDING EYELIDS OPEN.SKIN:REMOVE CONTAMINATED CLOTHING.WASH SKIN  
WITH SOAP AND WATER.INGES TION:CONSULT MEDICAL PERSONNEL BEFORE  
INDUCING VOMITING.IF CONSCIOUS,DRINK MILK/WATER.GET IMMEDIATE  
MEDICAL ATTENTION.

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

Flash Point Method:COC  
Flash Point:374F,190C  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:ELIMINATE SOURCE IF SAFE TO DO SO.PREVENT FROM ENTERING WATERWAYS & DRAINS.WEAR SUITABLE PERSONAL PROTECTIVE EQUIPMENT.DIKE AND ABSORB WITH INERT MATERIAL AND TRANSFER TO A

SEALED APPROVED CONTAINER FOR DISPOSAL. REPORT ANY SPILL IF ENTER WATER(NRC).

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

Handling and Storage Precautions:STORAGE-STORE IN A COOL & VENTILATED AREA AWAY FROM HEAT,FLAMES & STRONG OXIDANTS.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. FOLLOW DIRECTIONS ON PRODUCT LABEL. EMPTY CONTAINERS RETAIN RESIDUE WHICH CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL/EXPOSE TO HEAT, FLAME .. THEY MAY EXPLODE AND CAUSE INJURY/DEATH.

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

Respiratory Protection:USE ONLY IN WELL VENTILATED AREAS. IF VENTILATION IS INADEQUATE OR IF OPERATING CONDITIONS CREATE AIRBORNE CONCENTRATIONS WHICH EXCEED THE RECOMMENDED EXPOSURE STANDARD, THE USE OF AN APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation:LOCAL/MECHANICAL

Protective Gloves:OIL/SOLVENT RESISTANT

Eye Protection:CHEMICAL SAFETY GOGGLES OR FACE SHIELD

Other Protective Equipment:EYE WASH FOUNTAIN, SAFETY SHOWER AND IMPERVIOUS CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING. AVOID PROLONGED/REPEATED BREATHING OF FUMES,VAPORS/MIST.AVOID CONTACT WITH EYES AND SKIN.

Supplemental Safety and Health

FORMULATION CHANGED. FOR PREVIOUS FORMULATIONS SEE P/N A AND B, SAME NSN.

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

HCC:V6

Spec Gravity:0.89

Viscosity:7.4-8.4 CST

Solubility in Water:INSOL

UBLE

Appearance and Odor:ORANGE LIQUID

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, WATER  
VAPOR AND MAY PRODUCE OXIDES OF PHOSPHORUS.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE I

N ACCORDANCE WITH ALL

APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. THE PHONE  
NUMBER FOR NATIONAL RESPONSE CENTER (NRC) IS 800-424-8802.

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 competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.