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Product Identification
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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

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Composition/Information on Ingredients
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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

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===== 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.

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===== 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.INGESTION:CONSULT MEDICAL PERSONNEL BEFORE INDUCING VOMITING.IF CONSCIOUS,DRINK MILK/WATER.GET IMMEDIATE MEDICAL ATTENTION.

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===== 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

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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.

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