

CHEVRON USA PRODUCTS CO -- JP-8, CPS243791 -- 9130-01-031-5816

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Product Identification  
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Product ID:JP-8, CPS243791

MSDS Date:03/06/1994

FSC:9130

NIIN:01-031-5816

MSDS Number: CFTYR

=== Responsible Party ===

Company Name:CHEVRON USA PRODUCTS CO

Address:575 MARKET ST

City:SAN FRANCISCO

State:CA

ZIP:94105-2856

Country:US

Info Phone Num:415-894-1899;510-242-5357

Emergency Phone Num:800-231-0

623;800-424-9300(CHEMTREC)

CAGE:81230

=== 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 PRODUCTS COMPANY LUBRICANTS AND SPECIALTY PRODUCTS

Address:6001 BOLLINGER CANYON RD

Box:City:SAN RAMON

State:CA

ZIP:94583

Country:US

Phone:800-414-6737 / 800-582-3835

CAGE:81230

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Composition/Information on Ingredients  
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Ingred Name:JET FUELS CONTAINING INGS 2,3,4 & 5  
RTECS #:9999999ZZ  
Fraction by Wt: 100%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:KEROSENE; (ALIPHATIC PETROLEUM SOLVENT)  
CAS:8008-20-6  
RTECS #:OA5500000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:KEROSENE, HYDRODESULFURIZED  
CAS:64742-81-0  
RTECS #:OA5510000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:DISTILLATES (PETROLEUM), HYDRODESULFURIZED MIDDLE;  
(DISTILLATES, HYDRODESULFURIZED MIDDLE)  
CAS:64742-80-9  
RTECS #:JN9202000  
OSHA PEL:N/K  
ACGIH  
TLV:N/K

Ingred Name:GAS OIL, BLEND; (DISTILLATES, STRAIGHT RUN MIDDLE)  
CAS:64741-44-2  
RTECS #:LX3296000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:SUPDAT:INHAL:PRLNGD BRTHG OF VAPS CAN CAUSE CNS EFTS. SIGNS  
& SYMPS OF EXPOS: SKIN: MAY INCL PAIN/FEELING OF (ING 7)  
RTECS #:9999999ZZ

Ingred Name:ING 6:HEAT, DISCOLORATION, SWELLING, AND BLISTERING. INHAL:  
CNS EFTS MAY INCL 1 OR MORE OF FOLLOWING:HDCH, DIZZ, (ING 8)  
RTECS #:9999999ZZ

Ingred Name:ING 7:LOSS OF APPETITE, WEAK AND LOSS OF COO

RDINATION.

CHRONIC: RPTS IN LITERATURE CONCLUDE THAT LONG-TERM EXPOS (ING 9)  
RTECS #:9999999ZZ

Ingred Name:ING 8:TO JET FUELS MAY RSLT IN CHANGES IN 1)INCIDENCE &  
PREVALENCE OF PSYCHIATRIC SYMPS 2)PSYCHOLOGICAL TESTS (ING 10)  
RTECS #:9999999ZZ

Ingred Name:ING 9:AND 3)EEGS. THESE STUDIES WERE CONDUCTED IN SPECIFIC  
WORK SITUATIONS WHERE THERE WERE EXPOS TO JET FUELS.(ING 11)  
RTECS #:9999999ZZ

Ingred Name:ING 10:STUDIES HAVE BEEN REVIEWED & IT IS MFR OPINION THAT  
WORK SITUATIONS  
ARE TOO COMPLEX & ANALYTICAL METHS (ING 12)  
RTECS #:9999999ZZ

Ingred Name:ING 11:THAT DEFINE BRAIN DMG ARE TOO IMPRECISE TO STATE  
W/SCIENTIFIC CERTAINTY THAT EITHER CNDTNS OCCURS/IT WAS (ING 13)  
RTECS #:9999999ZZ

Ingred Name:ING 12:DUE TO TYPE OF MATL DISCUSSED IN DOCUMENT.  
CARCIN:PROD CONTAINS MIX OF PETRO HYDROCARBS CALLED MIDDLE (ING 14)  
RTECS #:9999999ZZ

Ingred Name:ING 13:DISTIL (WHICH MEANS THEY BOIL BETWEEN APPROXIMATELY  
350F & 750F). BECAUSE OF BROAD DESCRIPTION, MANY PROD  
(ING 15)  
RTECS #:9999999ZZ

Ingred Name:ING 14:ARE CONSIDERED MIDDLE DISTIL YET THEY ARE PRDCED BY  
VARIETY OF DIFFERENT PETROL REFINING PROCESSES. TOX (ING 16)  
RTECS #:9999999ZZ

Ingred Name:ING 15:DATA DEVELOPED ON SOME MIDDLE DISTIL FOUND THAT THEY  
CAUSE POS RESPONSES IN SOME MUTAGENICITY TESTS & (ING 17)  
RTECS #:9999999ZZ

Ingred Name:ING 16:CAUSED SKIN CANCER WHEN RPTDLY APPLIED TO MICE OVER  
THEIR LIFETIME. PROD MAY CONTAIN SOME MIDDLE DISTIL(ING 18)  
RTECS #:9999999ZZ

Ingred Nam

e:ING 17:FOUND TO CAUSE THOSE ADVERSE EFFECTS.  
RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC:PERS. IF MED ADVICE CANNOT BE OBTAINED, TAKE  
PERSON & PROD CNTNR TO NEAREST MED EMER TREATMENT (ING 20)  
RTECS #:9999999ZZ

Ingred Name:ING 19:CTR/HOSPITAL. IF ANY SIGNS/SYMPMS AS DESCRIBED OCCUR,  
MOVE PERSON TO FRESH AIR. IF ANY OF THESE EFTS (ING 21)  
RTECS #:9999999ZZ

Ingred Name:ING 20:CONTINUE, SEE MD. NOTE TO PHYS:INGEST OF  
PROD/SUSSEQUENT VOMIT CAN RSLT IN ASPIR OF LIGHT HYDROCARB LIQ (I  
NG  
22)  
RTECS #:9999999ZZ

Ingred Name:ING 21:WHICH CAN CAUSE PNEUMONITIS.  
RTECS #:9999999ZZ

Ingred Name:SPILL PROC:SOIL & WATER & FROM ENTERING DRAINAGE & SEWAGE  
SYS. CLEAN UP SM SPILLS USING APPROP TECHNIQUES SUCH (ING 24)  
RTECS #:9999999ZZ

Ingred Name:ING 23:AS SORBENT MATLS/PUMPING. WHERE FEASIBLE & APPROP,  
REMOVE CONTAMINATE SOIL. FOR MORE INFO CONT NEHC .  
RTECS #:9999999ZZ

Ingred Name:OTHER PREC:AVIATION FUELS SHOULD BE FILTERED DURING  
TRANSFER INTO FUEL TANKS.  
RTECS #:99  
99999ZZ

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

LD50 LC50 Mixture:LD50:(ORAL,RAT) >5 ML/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:EYE:NOT EXPECTED TO CAUSE  
PRLNGD/SIGNIFICANT IRRITATION. SKIN:MOD IRRITANT SO CONT W/SKIN  
COULD CAUSE PRLNGD(DAYS) INJURY TO AFFECTED AREA. DEGREE OF INJURY  
WILL DEPEND ON AMT OF MATL THAT GETS ON SKIN & SPEED &

THOROUGHNESS OF FIRSTAID TREATMENT. IF ABSORBED THRU SKIN,  
SUBSTANCE IS CONSIDERED (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:PRACTICALLY NON-TOX TO INTERNAL  
ORGANS. INGEST:CONSIDERED PRACTICALLY NON-TOX TO INTERNAL ORGANS.  
BECAUSE OF LOW VISCOSITY OF SUBSTANCE, IT CAN DIRECTLY ENTER LUNGS  
IF IT IS SWALLOWED(THIS IS CALLED ASPIR). THIS CAN OCCUR DURING  
ACT OF SWALLOWING/WHEN VOMIT SUBSTANCE. ONCE IN LUNGS, SUBSTANCE IS

VERY (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:NOT REQD. HOWEVER, AS PREC FLUSH W/FRESH WATER FOR @ LST  
15 MINS. REMOVE CONT LENSES IF WORN. SKIN:REMOVE CONTAMD CLTHG.  
WASH THORO W/SOAP & WATER. SEE MD IF ANY SIGNS/SYMP S DESCRIBED IN  
DOCUMENT OCCUR. DISCARD CONTAMD NON-WATERPROOF SHOES & BOOTS. WASH  
CONTAMD CLTHG. INGEST:GIVE WATER/MILK TO DRINK & TELEPHONE FOR  
MED  
ADVICE. DO NOT MAKE PERSON VOMIT UNLESS DIRECTED TO DO SO BY MED  
(ING 19)

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

Flash Point Method:TCC

Flash Point:100F,38C

Lower Limits:0.6%

Upper Limits:4.7%

Extinguishing Media:CO\*2, DRY CHEMICAL, FOAM & WATER FOG.

Fire Fighting Procedures:NIOSH APPRVD SCBA & FULL PROT EQUIP . LIQ EVAP  
& FORMS VAP(FUMES) WHICH CAN CATCH FIRE & BURN W/EXPLO VIOLENCE.  
INVISIBLE VAP SPREADS EASILY & CAN(SUPDAT)

Unusual Fire/Exp

losion Hazard:NORMAL COMBUSTION FORMS CARBON DIOXIDE  
AND WATER VAPOR; INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

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

Spill Release Procedures:ELIM ALL SOURCES OF IGNIT IN VICIN OF  
SPILL/RELEASED VAP. CLEAN UP SPILLS IMMED, OBSERVING PREC IN EXPOS  
CTLS/PERSONAL PROT SECTION. THIS MATL IS CONSIDERED TO BE WATER  
POLLUTANT & RELEASES OF THIS PR OD SHOULD BE PVNTD FROM  
CONTAMINATING (ING 23)

Neutralizing Age

nt:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT USE/STORE NEAR FLAME,  
SPARKS/HOT SURFS. USE ONLY IN WELL VENTILATED AREA. KEEP CNTNR  
CLSD. DO NOT WELD, HEAT/DRILL CONTAINER.

Other Precautions:REPLACE CAP/BUNG. EMPTIED CNTNR STILL CONTAINS  
HAZ/EXPLO VAP/LIQ. CAUTION! DO NOT USE PRESS TO EMPTY DRUM/DRUM MAY  
RUPTURE W/EXPLO FORCE. WARNING! NOT FOR USE AS PORTABLE  
HEATER/APPLIANCE FUE

L. TOX FU MES MAY ACCUM & CAUSE DEATH. (ING 25)

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

Respiratory Protection:NO SPECIAL RESPIRATORY PROTECTION IS NORMALLY  
REQUIRED. HOWEVER, IF OPERATING CONDITIONS CREATE HIGH AIRBORNE  
CONCENTRATIONS, THE USE OF AN NIOSH APPROVED RESPIRATOR IS  
RECOMMENDED.

Ventilation:USE THIS MATERIAL ONLY IN WELL VENTILATED AREAS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective

Equipment:ANSI APPRVD EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC:BE SET ON FIRE BY MANY SOURCES SUCH AS PILOT LIGHTS,  
WELDING EQUIPMENT, & ELECTRICAL MOTORS AND SWTICHES. FIRE HAZ IS  
GREATER AS LIQUID TEMPERATURE RISES ABOVE 85F. READ ENTIRE DOCUMEN  
T. EFTS OF OVEREXP:DIFFICULT TO REMOVE & CAN CAUSE SEVERE INJURY TO  
LUNGS & DEATH. (ING 6)

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

Boiling Pt:B.P. Text:>320F,>160C

Melt/Freeze Pt:M.P/F.P Text:-40F,-40C

Vapor Pres:0.1 PSIA

Vapor Density:5.7

Spec Gravity:0.81

Evaporation Rate & Reference:NO DATA AVAILABLE

Solubility in Water:INSOLUBLE

Appearance and Odor:PALE YELLOW LIQUID WITH PETROLEUM ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

MAY REACT WITH STRONG OXIDIZING AGENTS, SUCH AS CHLORATES, NITRATES,

PEROXIDES, ETC.

Stability Condition to Avoid:NO DATA AVAILABLE.

Hazardous Decomposition Products:NORMAL COMBUSTION FORMS CARBON DIOXIDE AND WATER VAPOR; INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

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

Waste Disposal Methods:PLACE CONTAMD MATLS IN DISPOSABLE CNTNRS & DISPOSE IF IN MANNER CONSISTENT W/APPLIC REGS. CONTACT FEDERAL, STATE, AND LOCAL ENVIRONMENTAL/HEALTH AUTHORITIES FOR APPRVD DISPOSAL OF THIS MATERIAL.

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