

CHEVRON U S A INC -- HS HEATING FUEL 2 -- 9140-00-247-4363

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

Product ID:HS HEATING FUEL 2

MSDS Date:03/06/1994

FSC:9140

NIIN:00-247-4363

MSDS Number: BVFRB

=== Responsible Party ===

Company Name:CHEVRON U S A INC

Address:575 MARKET ST

City:SAN FRANCISCO

State:CA

ZIP:94105-2856

Country:US

Info Phone Num:415-894-2783

Emergency Phone Num:800-424-9300/202-483-7616

CAG

E:81230

=== Contractor Identification ===

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

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

Ingred Name:PETROLEUM MID-DISTILLATE (FUELS, DIESEL, NO. 2 POTENTIALLY INCLUDING THE NEXT 5 INGREDIENTS)

CAS:68476-34-6

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

Ingred N

ame:DISTILLATES, HYDRODESULFURIZED MIDDLE
CAS:64742-80-9
RTECS #:JN9202000
Other REC Limits:NONE RECOMMENDED

Ingred Name:DISTILLATES,STREIGHT RUN MIDDLE
CAS:64741-44-2
RTECS #:LX3296000
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALIPHATIC PETROLEUM SOLVENT
CAS:8008-20-6
RTECS #:OA5500000
Other REC Limits:NONE RECOMMENDED

Ingred Name:KEROSENE, HYDRODESULFURIZED
CAS:64742-81-0
RTECS #:OA5510000
Other REC Limits:NONE RECOMMENDED

Ingred Name:LIGHT HYDROCARBON BLEND
CAS:64741-59-9
RTECS #:JN93
85000
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL) RATS IS > 5 ML/KG.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:EYE-TEMPORARY IRRITATION.SKIN:MODERATE
IRRITANT;DELAYED(CHRONIC) EFFECTS CAN OCCUR.MANUFACTURER STATES
THAT THE DERMAL TOXCITY IS VERY LOW.INHAL:PROLONGED BREATHING OF
VAPORS
CAN CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.INGEST:DESPITE ITS
LOW TOXCICITY,IT IS AN ASPIRATION HAZARD,AND CAN CAUSE SEVERE LUNG
INJURY OR DEATH.
Effects of Overexposure:SKIN: PAIN OR A FEELING OF HEAT, DISCOLORATION,
SWELLING AND BLISTERING. INHALATION: CNS EFFECTS ARE HEADACHE,
DIZZINESS, LOSS OF APPETITE, WEAKNESS AND LOSS OF COORDINATION.
Medical Cond Aggravated by Exposure:NONE ARE NOTED BY THE MANUFACTURER.

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

==

First Aid: EYES: FLUSH WITH PLENTY OF WATER FOR ABOUT 15 MINUTES. REMOVE CONTACT LENSES. CALL A PHYSICIAN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER; SEE A DOCTOR IF NEEDED. INHALATION: REMOVE TO FRESH AIR, CONSULT A PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING! (ASPIRATION HAZARD). CALL A PHYSICIAN OR POISON CONTROL CENTER.

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

Flash Point: 125F, 52C

Lower Limits: 0.6

Upper Limits: 4.7

Exting

uishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS IN AN ENCLOSED AREA WITH FULL PROTECTION.

Unusual Fire/Explosion Hazard: FIRE HAZARD IS GREATER AS LIQUID TEMPERATURE RISES ABOVE 85F. LIQUID EVAPORATES AND FORMS VAPOR (FUMES) WHICH CAN CATCH FIRE AND BURN WITH EXPLOSIVE VIOLENCE.

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

Spill Release Procedures: ELIMINATE SOURCES OF IGNITION. CONTAIN FREE

LIQUID; USE SUITABLE INERT ADSORBANT TO COLLECT LIQUID. SPILLS THAT COULD REACH SURFACE WATERS MUST BE REPORTED TO US COAST GUARD (800-424-8802).

Neutralizing Agent: NOT APPLICABLE.

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

Handling and Storage Precautions: DO NOT USE OR STORE NEAR FLAME, SPARKS OR HOT SURFACES. USE ONLY IN WELL VENTILATED AREA. KEEP CONTAINER CLOSED. DO NOT WELD, HEAT OR DRILL CONTAINER.

Other Precautions:

REPLACE CAP OR BUNG. EMPTIED CONTAINER STILL CONTAINS HAZARDOUS OR EXPLOSIVE VAPOR OR LIQUID. CAUTION! DO NOT USE PRESSURE TO EMPTY DRUM OR DRUM MAY RUPTURE WITH EXPLOSIVE FORCE. DO NOT USE AS PORTABLE HEATER OR APPLIANCE FUEL.

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

Respiratory Protection: NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR IN THE EVENT OF HIGH AIRBORNE CONCENTRATIONS.

Ventilation: USE LOCAL/GENERAL VENTILATION.

Protective Glo

ves:IMPERVIOUS GLOVES.

Eye Protection:NO SPECIAL EYE PROTECTION NECESSARY

Other Protective Equipment:MANUFACTURER SUGGESTS THE USE OF PROTECTIVE CLOTHING TO MINIMIZE CONTACT WITH SKIN INCLUDING GLOVES.

Work Hygienic Practices:USE STANDARD HYGENIC PRACTICES.

Supplemental Safety and Health

HARMFUL OR FATAL IF SWALLOWED. CAN ENTER LUNGS.

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

HCC:F4

Boiling Pt:B.P. Text:348F,176C

Vapor Pres:.04 @40F

Spec Gravity:0.84

Solubility i

n Water:INSOLUBLE

Appearance and Odor:BLUE LIQUID

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH STRONG OXIDIZING AGENTS, SUCH AS CHLORATES, NITRATES, PEROXIDES.

Stability Condition to Avoid:EXTREME HEAT, SPARKS, FLAMES.

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

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

=====

Waste Disposal Methods:PLACE CONTAMINATED MATERIALS IN DISPOSABLE CONTAINERS AND DISPOSE OF IN A MANNER CONSISTENT 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 competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.