

CHEVRON ENVIRONMENTAL HEALTH CENTER INC. -- HEATING FUEL NO 1 -- 9140-00-273-2394  
===== Product Identification =====

Product ID:HEATING FUEL NO 1  
MSDS Date:01/03/1992  
FSC:9140  
NIIN:00-273-2394  
MSDS Number: BPFVC  
=== 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:415-233-37  
37 OR 800-582-3835  
Emergency Phone Num:415-233-3737 OR 800-457-2022  
CAGE:0AHD1  
=== Contractor Identification ===  
Company Name:CHEVRON ENVIRONMENTAL HEALTH CENTER INC  
Address:15299 SAN PABLO AVE  
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State:CA  
ZIP:94804  
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Phone:800-582-3835  
CAGE:0AHD1

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

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

Ingred Name:KEROSENE/KEROSENE HYDROD

ESULFURIZED  
CAS:64742-81-0  
Other REC Limits:NONE RECOMMENDED

Ingred Name:DISTILLATES, HYDROSULFURIZED MIDDLE  
CAS:64742-80-9  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:DISTILLATES,STREIGHT RUN MIDDLE  
CAS:64741-44-2  
RTECS #:LX3296000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:5 MG/M3 OIL MIST

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS > 5ML/KG

Routes

of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-INHALED:IRRITATES RESPIRATORY TRACT,HEADACHE,NAUSEA,DIZZINESS,LOSS OF APPETITE,WEAKNESS,LOSS OF COORDINATION.EYES:IRRITATION.SKIN:PROLONGED/REPEATED CONTACT CAN CAUSE PAIN,SWELLING,BLISTERING.IN Ggestion:MAY IRRITATE DIGESTIVE TRACT.ASPIRATION INTO THE LUNG MAY CAUSE LUNG DAMAGE.CHRONIC-SKIN DISCOLORATION,BLISTERS.

Explanation of Carcino

genicity:THE NIOSH HAS RECOMMENDED THAT WHOLE DIESEL EXHAUST BE REGARDED AS POTENTIALLY CAUSING CANCER.

Effects of Overexposure:INHALATION CAUSES IRRITATION OF RESPIRATORY TRACT, HEADACHE, NAUSEA, DIZZINESS, LOSS OF APPETITE, WEAKNESS, AND LOSS OF COORDINATION. IRRITATES EYE. PROLONGED OR REPEATED SKIN CONTACT CAN CAUSE PAIN, SWELLING, BLISTERING. INGESTION MAY IRRITATE DIGESTIVE TRACT. ASPIRATION INTO THE LUNG MAY CAUSE LUNG DAMAGE.

Medical Cond Aggravated by Exposure:P  
RE-EXISTING SKIN DISORDERS MAY BE  
MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET MEDICAL CARE IN ALL CASES.INHALATION:REMOVE TO FRESH AIR.PROVIDE CPR/OXYGEN IF NEEDED.EYE:FLUSH WITH WATER FOR 15 MINUTES KEEPING EYELID OPEN.SKIN:WASH WITH SOAP & WATER.INGESTION:DO NOT INDUCE VO MITING.ASPIRATION HAZARD.IF CONSCIOUS,DRINK MILK/WATER.CALL PHYSICIAN.IF SPONTANEOUS VOMITING OCCURS,KEEP HEAD LOWER THAN HIP

S TO PREVENT PULMONARY ASPIRATION.

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

Flash Point Method:TCC

Flash Point:100F,38C MIN

Lower Limits:0.6

Upper Limits:4.7

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. A FORCED STREAM OF WATER COULD SCATTER FLAMES OF FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:MAY FORM WATER VAPOR, CARBON MONOXIDE AND CARBON DIOXIDE. WATER RUNOFF TO SEWER MAY CARRY COMBUSTIBLE FUELS & CREATE A FIRE/EXPLOSION. MORE FIRE HAZARD IF >85F.

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

Spill Release Procedures:REMOVE SOURCE OF HEAT,SPARKS,FLAME,FRICITION & ELECTRICITY,INCLUDING INTERNAL COMBUSTION ENGINE.USE EXPLOSION-PROOF EQUIPMENT TO CLEAN UP.DIKE SPILL.PREVENT LIQUID FROM ENTERING SEWERS,WATERWAYS/LOW AREAS.SOAK UP WITH SAWDUST,SAND,OIL DRY.SHOVEL/SWEEP

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

Handling and Storage Precautions:STORAGE-STORE IN COOL,DRY WELL-VENTILATED AREA IN CLOSED CONTAINER AWAY FROM HEAT,IGNITION SOURCES & OXIDIZERS.

Other Precautions:COMBUSTIBLE LIQUID. USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. GROUND AND BOND CONTAINERS TO PREVENT STATIC SPARKS. USE EXPLOSION-PROOF ELECTRICAL SERVICES.

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

Respiratory Protection:IN SITUATION WHERE VAPOR CONCENTRATIONS MAY EXCEED THE RECOMMENDED EXPOSURE LIMITS, A NIOSH-APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR SHOULD BE WORN. USE SELF-CONTAINED SUPPLIED-AIR RESPIRATOR FOR EMERGENCIES.

Ventilation:GENERAL DILUTION OR MECHANICAL VENTILATION/EXPLOSION-PROOF LOCAL EXHAUST TO KEEP VAPOR BELOW RECOMMENDED EXPOSURE LIMITS

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL  
Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD  
Other Protective Equipment:EYE WASH STATION.BARRIER CREAMS SPECIFIC FOR  
PETROLEUM-BASED MATERIALS MAY BE USED WHEN GLOVES ARE IMPRACTICAL.  
Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.  
WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK  
AREA.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PIN A SAME NSN. E  
MPTY

CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT  
PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE TO  
HEAT, FLAME; THEY MAY EXPLODE. DO NOT USE PRESSURE TO EMPTY DRUM  
OR DRUM MAY RUPTURE WITH EXPLOSIVE FORCE.

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

HCC:F4

Boiling Pt:B.P. Text:400F,204C

Spec Gravity:0.85

Solubility in Water:INSOLUBLE

Appearance and Odor:PALE YELLOW LIQUID WITH MILD PETROLEUM ODOR

===== Stabil

ity and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.

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

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR.  
TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN  
ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND  
REGULATIONS.

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