

CHEVRON-ENVIRONMENTAL SAFETY AND HEALTH -- FUEL, NAVAL DISTILLATE MIL-F-16884H  
(NATO F -- 9140-00-274-1912

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

Product ID:FUEL, NAVAL DISTILLATE MIL-F-16884H (NATO F

MSDS Date:06/03/1995

FSC:9140

NIIN:00-274-1912

MSDS Number: BPHZY

=== Responsible Party ===

Company Name:CHEVRON-ENVIRONMENTAL SAFETY AND HEALTH

Address:575 MARKET ST. ROOM 2900

Box:4054

City:SAN FRANCI

SCO

State:CA

ZIP:94105

Country:US

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

Emergency Phone Num:800-231-0623 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

Company Name:FUEL SERVICE INC

Address:EAST END OF INGALLA AVE

Box:969

City:PASCAGOULA

State:MS

ZIP:39567

Country:US

CAGE:9M887

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

Ingred Name:PETROLEUM MID-DISTILLATE (DIESEL MARINE FUEL)

CAS:68476-34-6

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50

LC50 Mixture:TLV FOR OIL MIST IS 5MG/M3

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

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

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY

CAUSE MODERATE IRRITATION.INGEST:LOW TOXICITY,BUT THIS ITEM IS AN  
ASPIRATION HAZARD AND MAY RESULT IN PNEUMONITIS.INHAL:MAY CAUSE  
RESPIRATORY IRRITATION AND CNS EFFE CTS.

Explanation of Carcinogenicity:TOXICOLOGY DATA FOR SIMILAR  
MID-DISTILLATES SUGGEST PROLONGED OR

REPEATED SKIN CONTACT MAY  
INCREASE RISK OF SKIN CANCER.

Effects of Overexposure:SKIN:PAIN,FEELING OF  
HEAT,DISCOLORATION,SWELLING,BLISTERING.INHAL:HEADACHE,DIZZINESS,LOS  
S OF APPETITIE,WEAKNESS,LOSS OF COORDINATION.

Medical Cond Aggravated by Exposure:BECAUSE OF THE DRYING PROPERTIES OF  
THIS PRODUCT,PERSONS WITH PREEXISTING SKIN CONDITIONS MAY BE AT  
INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAM

INATED CLOTHING;WASH WITH SOAP AND WATER.EYES:REMOVE CONTACT LENSES.FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE WATER OR MILK TO DRINK.THIS ITEM IS AN ASPIRATION HAZARD.

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

Flash Point Method:PMCC

Flash Point:140F,60C

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

Fir

e Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:INVISIBLE VAPORS CAN SPREAD EASILY,CATCH FIRE AND BURN WITH EXPLOSIVE VIOLENCE. FIRE HAZARD INCREASES AT LIQUID TEMPERATURES ABOVE 85F.

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

Spill Release Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN

SPILL AREA TO REMOVE

SLIPPERINESS.AVOID RUNOFF INTO WATER WAYS.REPORT SPILLS RESULTING IN SHEEN UPON WATER TO 800-424-8802.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUE;DISPOSE OF PROPERLY.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:USE GENERAL DILUTION VENTILATION.

Protective Gloves:NEOPRENE OR BUTYL RUBBER GLOVES

Eye Protection:SAFETY GLASSES RECOMMENDED

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Pr

actices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET  
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK  
AREA.

Supplemental Safety and Health  
NONE

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

HCC:F4  
Boiling Pt:B.P. Text:315F,157C  
Vapor Pres:0.04PSIA  
Spec Gravity:0.82  
Viscosity:1.7 CST @104F  
Evaporation Rate & Reference:NO DATA AVAILABLE  
Solubility in Water:INSOLUBLE  
Appearance and Odor:PALE YELLOW LIQUID. ODOR NOT REPORTED.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES ETC.  
Stability Condition to Avoid:DO NOT USE OR STORE NEAR FLAME, SPARKS OR  
HOT SURFACES.  
Hazardous Decomposition Products:NORMAL COMBUSTION FORMS CARBON DIOXIDE  
AND WATER VAPOR; INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

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

Waste Disposal Methods:DISPOSE OF  
IN ACCORDANCE WITH FEDERAL,STATE AND  
LOCAL REGULATIONS.

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