

PHILLIPS PETROLEUM CO. -- DIESEL FUEL -- 9140-00-286-5283

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

Product ID:DIESEL FUEL

MSDS Date:10/01/1985

FSC:9140

NIIN:00-286-5283

MSDS Number: BGXGN

=== Responsible Party ===

Company Name:PHILLIPS PETROLEUM CO.

Address:758 ADAMAS BLDG.,4TH & KEELER

City:BARTLESVILLE

State:OK

ZIP:74004

Info Phone Num:918-661-3865

Emergency Phone Num:918-661-3865 OR 918-661-8118

CAG

E:46916

=== Contractor Identification ===

Company Name:PHILLIPS PETROLEUM CO

Address:613 ADAMS

Box:City:BARTLESVILLE

State:OK

ZIP:74004

Country:US

Phone:800-234-6603

CAGE:46935

Company Name:PHILLIPS PETROLEUM COMPANY

CAGE:46916

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

Ingred Name:FUEL OIL (MIDDLE DISTILLATE)

CAS:68334-30-5

RTECS #:HZ1800000

Fraction by Wt: 100% NOT

Other REC Limits:HMIS 100 PPM/5 MG/M3

OSHA PEL: ESTABLISHED

=====
Hazards Identifica

tion =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS A MILD IRRITANT. MOST
HAZARDOUS EXPOSURE ;EXPOSURE IS TO AIRBORN MIST OR OTHER ASPIRATION
OF LIQUID ONTO LUNGS/PROLONGED/REPEATED OVEREXPOSURE MAY CAUSE
LIVER OR KIDNEY DAMAGE.

Explanation of Carcinogenicity:API HAS DONE STUDIES INDICATING THAT
REPEATED OVER EXPOSURE MAY CAUSE CANCER IN MICE.

Effects

of Overexposure:EYE:MILD IRRITATION. SKIN:DRYING,DEFATTING WITH
PROLONGED/REPEATED CONTACT.
INHALED:HEADACHE,NAUSEA,CONFUSION,DROWINESS. ASPIRATION OF LIQUID
MAY CAUSE CHEMICAL PNEUMONITIS. INGESTED:G/I IRRITATION,NA
USEA,POSSIBLE VOMITING.

Medical Cond Aggravated by Exposure:NONE EXPECTED

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED
CLOTHING (LAUNDRER BEFORE REUSE) AND THOROUGH WASH AREA
OF CONTACT
WITH SOAP AND WATER. INHALED:REMOVE FROM EXPOSURE. RESUSCITATE OR
GIVE OXYGEN IF NEEDED THEN GET MEDICAL ATTENTION. INGESTED:DO NOT
INDUCE VOMITING. GET MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS
OR IS SEVERE,GET MEDICAL CARE.

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

Flash Point Method:TCC

Flash Point:140F(60C)

Extinguishing Media:FOAM,CARBON DIOXIDE,DRY CHEMICAL,WATER FOG. WATER
MAY BE INEFFECTIVE AND MAY SPREAD FIRE IF IMPROPERL
Y USED.

Fire Fighting Procedures:USE SELF- CONTAINED BREATHING
APPARATUS,ESPECIALLY IN ENCLOSED AREAS. WATER SPRAY MAY BE USED TO
COOL FIRE EXPOSED CONTAONERS AND EQUIPMENT.

Unusual Fire/Explosion Hazard:WHEN HEATED SUFFICIENTLY,VAPORS MAY FORM
EXPLOSIVE MIXTURES WITH AIR. SATURATED NEWSPAPERS,RAGS,ETC. MAY
UNDERGO SPONTANOUS COMBUSTION.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. USE APPROPRIATE

P

ROTECTIVE EQUIPMENT. CONTAIN LEAK. PREVENT LEAK FROM ENTERING
SEWER,WATER WAY,ETC. RECOVER AS LIQUID. REPORT SPILL IF
APPROPRIATE.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL AREA AWAY FORM OXIDIZERS
AND IGNITION SOURCES. DETACHED STORAGE PREFERRED. GROUND CONTAINERS
DURING TRANSFER.

Other Precautions:"EMPTY" CONTAINERS MAY CONTAIN RESIDUE AND/OR FUMES
WHICH ARE EXPLOSIVE. DO NOT
CUT,WELD,ETC.

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

Respiratory Protection:NOT EXPECTED TO BE NECESSARY. USE NIOSH/MSHA
RESPIRATOR IF PRODUCT IS MISTED OR IF TLV/PEL IS EXCEEDED.

Ventilation:USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL IF
NORMAL ROOM VENTILATION IS IN SUFFICIENT.

Protective Gloves:RUBBER,PLASTIC,OR OTHER IMPERVIOUS

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.

Other Protective Equipment:AS REQUIRED TO PREVENT EXCESSIVE SKIN

CONTACT.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID
UNNECESSARY CONTACT.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:350-650F

Vapor Pres:1 MM

Spec Gravity:0.80

Evaporation Rate & Reference:< 1 BUCA

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,COLORLESS TO AMBER LIQUID, KEROSENE ODOR.

Percent Volatiles by Volume:100

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

=====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS.

Stability Condition to Avoid: HEAT, IGNITION SOURCES

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE

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

Waste Disposal Methods: DIPOSE I/A/W FEDERAL, STATE, LOCAL REGULATION.
INCINERATION IS RECOMMENDEE FOR DISPOSAL.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elemen

ts 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.