

PETRO AMERICA INC -- RESIDUAL FUEL OIL (FUEL OIL #5,LIGHT) -- 9140-01-058-4431

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Product Identification
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Product ID:RESIDUAL FUEL OIL (FUEL OIL #5,LIGHT)

MSDS Date:07/27/1990

FSC:9140

NIIN:01-058-4431

MSDS Number: BRGZL

=== Responsible Party ===

Company Name:PETRO AMERICA INC

Box:610

City:LONG BEACH

State:CA

ZIP:90801

Country:US

Info Phone Num:310-518-5355

Emergency Phone Num:310-518-535

5/800-424-9300(CHEMTREC)

CAGE:KO838

=== Contractor Identification ===

Company Name:PETRO AMERICA INC

Box:610

City:LONG BEACH

State:CA

ZIP:90801

Country:US

Phone:310-518-5355

CAGE:KO838

Company Name:TRANS-TEC SERVICES INC

Address:1101 KING ST, SUITE 601

Box:City:ALEXANDRIA

State:VA

ZIP:22314

Country:US

Phone:703-838-9259

CAGE:0NUX1

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Composition/Information on Ingredients
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Ingred Name:RESIDUAL FUEL OIL

CAS:68476-33-5

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMEN

DED
OSHA PEL:400 PPM (PETR. DIST)
ACGIH TLV:400 PPM (RUBBER SOL)

Ingred Name:HYDROGEN SULFIDE (SARA III)
CAS:7783-06-4
RTECS #:MX1225000
Fraction by Wt: TRACE
Other REC Limits:NONE RECOMMENDED
OSHA PEL:(C),20 PPM
ACGIH TLV:10 PPM/15 STEL; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:LD50 ORAL RAT IS >5 GM/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:N
O OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INGESTION:LOW TOXICITY. MAY
CAUSE GI TRACT IRRITATION. INHALATION:INHALATION OF
MIST/VAPORS/FUMES MAY CAUSE RESPIRATORY TRACT IRRITATION. SMALL
AMOUNT ASPIRATED INTO LUNGS MAY CAUSE CHEMICAL PNE UMONITIS.
EYE:IRRITATION. SKIN:REPEATEDCONTACT MAY CAUSE IRRITATION.
CHRONIC:DERMATITIS.
Effects of Overexposure:EYES/SKIN: IRRITATION. INHALATION: HEADACHE,
NAUSEA, WEAKNESS, SEDATION, AND UNCONSCIOUSNESS. INGESTION:NAUSEA,
DIA
RRHEA.
Medical Cond Aggravated by Exposure:SKIN DISEASE.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR.
SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND
WATER.SEE DOCTOR. INHALATION:REMOVE TO FRESH AIR. GIVE OXYGEN/CPR
IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. SEE
DOCTOR IMMEDIATELY.

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

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sh Point Method:CC

Flash Point:140F,60C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, HALON, WATER SPRAY OR ANY APPROVED EXTINGUISHING AGENT FOR CLASS B FIRES.

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:COMBUSTIBLE LIQUID. CONTAINER MAY EXPLODE IN HEAT OF FIRE. SMOKE MAY BE TOXIC.

===== Accidental Release Measures =
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Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA. USE NON-SPARKING TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT. STOP LEAK AND CONTAIN SPILL. ABSORB IN INERT ABSORBENT AND PLACE INTO APPROPRIATE DISPOSAL CONTAINER AND SEAL. WASH AREA WITH DETERGENT.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED PLACE, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS.

KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. DO NOT PRESSURIZE, CUT, WELD OR EXPOSE TO HEAT, FLAME, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY.

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

Respiratory Protection:NONE NORMALLY REQUIRED WITH ADEQUATE VENTILATION. NIOSH RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE APPROPRIATE FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.

Ventilation:SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION.

Protective Gloves:NEOPRENE.

Eye Protection:GOGGLES.

Other Protective Equipment:FULL BODY LONG-SLEEVED GARMENTS TO PREVENT REPEATED OR PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN. DO NOT BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING. LAUNDRER CONTAMINATED CLOTHING.

Supplemental Safety and Health

===== Physical

/Chemical Properties =====

HCC:V4

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

Vapor Pres:NEGLIGIBLE

Vapor Density:>1

Spec Gravity:0.95-1.0

Viscosity:1.0 CST @104F

Evaporation Rate & Reference:NEGLIGIBLE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK VISCOUS LIQUID, PETROLEUM OIL ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, COMBINATION OF SULFURIC AND NITRIC ACIDS.

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

Hazardous Decomposition Products:CARBON OXIDES AND VARIOUS HYDROCARBONS WHEN BURNED.

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

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

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