

ATLANTIC RICHFIELD CO., LYONDELL PETROCHEMICAL DIV -- HEATING OIL -- 9140-00-247-4365

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Product Identification
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Product ID:HEATING OIL

MSDS Date:04/12/1985

FSC:9140

NIIN:00-247-4365

MSDS Number: BGXGF

=== Responsible Party ===

Company Name:ATLANTIC RICHFIELD CO., LYONDELL PETROCHEMICAL DIV

Address:1200 MILAM,SUITE 3500

City:HOUSTON

State:TX

ZIP:77002

Info Phone Num:213-486-8258

Emergency

Phone Num:312-210-3000

CAGE:56242

=== Contractor Identification ===

Company Name:ATLANTIC RICHFIELD CO

Address:515 S. FLOWER ST

Box:2451

City:LOS ANGELES

State:CA

ZIP:90071-2201

Country:US

Phone:213-486-2687

CAGE:56242

Company Name:ATLNTIC RICHFIELD CO

Box:2451

City:HOUSTON

State:TX

ZIP:77001

Country:US

Phone:713-584-6000

CAGE:4H945

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Composition/Information on Ingredients
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Ingred Name:FUEL OIL (MIDDLE DISTILLATE)

CAS:68334-30-5

RTECS #:HZ1800000

Other REC Limits:HM

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

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 IS TO AIRBORN MIST OR OTHER ASPIRATION OF LIQUID
INTO 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,DROWSINESS. ASPIRATION OF LIQUID
MAY CAUSE CHEMICAL PNEUMONITIS. INGESTED:G/I IRRITATION,NAUSEA,
POSSIBLE VOMITING.
Medical Cond Aggravated by Exposure:NONE EXPECTED.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED
CLOTHING (LAUNDER BEFORE REUSE) AND THOROUGHLY 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.

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

Flash Point Method:PMCC
Flash Point:140F
Lower Limits:0.6
Upper Limits:7.5
Extinguishing Media:FOAM,CARBON DIOXIDE,
DRY CHEMICAL,WATER FOG.WATER
MAY BE INEFFECTIVE AND MAY SPREAD FIRE IF IMPROPERLY USED.
Fire Fighting Procedures:USE SELF CONTAINED BREATHING
APPARATUS,ESPECIALLY IN ENCLOSED AREAS. WATER SPRAY MAY BE USED TO
COOL FIRE EXPOSED CONTAINERS AND EQUIPMENT.
Unusual Fire/Explosion Hazard:WHEN HEATED SUFFICIENTLY,VAPORS MAY FORM
EXPLOSIVE MIXTURES WITH AIR. SATURATED NEWSPAPERS,RAGS,ETC. MAY
UNDERGO SPONTANEOUS COMBUSTION.

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

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Spill Release Procedures:ELIMINATE IGNITION SOURCES. USE APPROPRIATE PROTECTIVE 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 FROM 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 APPROVED 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 GL

ASSES OR SPLASH GOGGLES.

Other Protective Equipment:USE IMPERVIOUS CLOTHING TO PROTECT AGAINST PROLONGED/REPEATED CONTACT.

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

Supplemental Safety and Health

COMPANY I.D. 0650006500 MSDS NO 461.

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

HCC:F4

Boiling Pt:B.P. Text:325-680F

Melt/Freeze Pt:M.P/F.P Text:-5 F

Vapor Pres:0.1 PSIA

Vapor Density:7

Spec Gravity:0.85

Solubility in Wat

er:NEGLIGIBLE

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

===== 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:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

INCINERATION IS RECOMMENDED

FOR DISPOSAL.

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