

PRIMARY CORPORATION -- DIESEL -- 9140-00-286-5294

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

Product ID:DIESEL

MSDS Date:12/02/1991

FSC:9140

NIIN:00-286-5294

MSDS Number: BPBWT

=== Responsible Party ===

Company Name:PRIMARY CORPORATION

Address:5601 IRONBRIDGE PARKWAY SUITE 100

City:CHESTER

State:VA

ZIP:23831

Country:US

Info Phone Num:804-748-6345

Emergency Phone Num:804-230-1747

CAGE:PRIMA

=== Contractor

Identification ===

Company Name:NAUGHTON ENERGY CORP

Address:11260 ROGER BACON DR 4TH FLOOR

Box:City:RESTON

State:VA

ZIP:22090

Country:US

Phone:703-787-3531

CAGE:0RA05

Company Name:PRIMARY CORPORATION

Address:5601 IRONBRIDGE PARKWAY, SUITE 100

Box:City:CHESTER

State:VA

ZIP:23831

Country:US

Phone:804-230-1747

CAGE:PRIMA

Company Name:PRIMARY OIL & ENERGY CORPORATION

Address:5601 IRONBRIDGE PARKWAY, SUITE 100

Box:City:CHESTER

State:VA

ZIP:23831

Country:US

Phone:804-748-6345

CAGE:46956

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

Ingred Name:SATURATED HYDROCARBONS

Fraction by Wt: 54-85%

Other REC Limits:NONE RECOMMENDED

Ingred Name:UNSATURATED HYDROCARBONS

Fraction by Wt: 1-6%

Other REC Limits:NONE RECOMMENDED

Ingred Name:AROMATIC HYDROCARBONS

CAS:70995-17-8

Fraction by Wt: 15-45%

Other REC Limits:NONE RECOMMENDED

Ingred Name:AROMATIC HYDROCARBONS

Fraction by Wt: 15 - 45%

Other REC Limits:NONE RECOMMENDED

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

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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 9.0 ML/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: INHALATION- CENTRAL NERVOUS

SYSTEM EFFECTS. EYES- IRRITATION. SKIN- SEVERE IRRITATION. BURNS

AND BLISTERING. INGESTION- IRRITATION, BURNS, BLISTERING OF MOUTH,

ESOPHAGUS AND STOMACH. CHRONIC: M ANUFACTURER STATES POSSIBLE SKIN

CANCER.

Explanation of Carcinogenicity:MANUFA

CTURER STATES POSSIBLE CARCINOGEN

FROM "MIDDLE DISTILLATES".

Effects of Overexposure:INHALATION: DIZZINESS, DROWSINESS. EYES:

BURNING SENSATION, REDNESS. SKIN: BURNS, RASH, BLISTERS. INGESTION:

BURNING OF MOUTH AND ESOPHAGUS. NAUSEA, VOMITING, STOMACH PAIN.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE

AGGAVATED BY EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING,

GIVE

ARTIFICIAL RESPIRATION. EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VO MITING! SEE DOCTOR. SEE DOCTOR IF ANY SYMPTOMS PERSIST.

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

Flash Point Method:PMCC

Flash Point:130F,54C

Autoignition Temp:Autoignition Temp Text:494F

Lower Limits:0.7%

Upper Limits:5.0%

Extinguishing Media:CLASS B EXTINGUISHING MEDIA SUCH AS HALON, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. USE WATER FOG TO COOL FIRE EXPOSED CONTAINERS AND TO DIPERSE VAPORS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:CONTAIN SPILL. ABSORB ON SUITABLE MATERIAL, SCOOP UP AND PLACE IN CONTAINER FOR DISPOSAL. VENTILATE AREA. AVOID BREATHING VAPORS. AVOID ALL PERSONAL CONTACT. USE SELF-C

ONTAINED BREATHING APPARATUS IN CONFINED AREA.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE AWAY FROM HEAT AND IGNITION SOURCES. HANDLE AND STORE IN ACCORDANCE4 WITH OSHA REG. 1910.106.

Other Precautions:USE ONLY AS A FUEL.

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

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS IF PEL/TLV EXCEEDED AS IN A LARGE SPILL OR

CONFINED AREA.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:NITRIL, PVA

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:USE GOOD PERSONAL HYGENE. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:V4

Boiling Pt:B.P. Text:320F,160C

Vapor Pres:1-10 MM HG

Vapor Density:4-5(AIR=1)

Spec Gra

vity:0.8521

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, AMBER LIQUID; CLEAR GOLDEN BROWN LIQUID. FUEL OIL ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, FLAME AND OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:OXIDES OF CARBON, ALDEHYDES, AROMATIC HYDROCARBONS

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

Was

te Disposal Methods:IF DISCARDED IN ORIGINAL FORM, DISPOSE OF AS AN IGNITABLE MATERIAL (D001) UNDER RCRA. OTHERWISE CONTACT LOCAL ENVIRONMENTAL MANAGER AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIO NS.

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