

PRIMARY CORPORATION -- KEROSENE -- 9140-00-247-4366

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

Product ID:KEROSENE

MSDS Date:01/01/1987

FSC:9140

NIIN:00-247-4366

MSDS Number: BPBKM

=== 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

=== Contra

ctor 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
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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

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5000 MG/KG

Routes of Entry: Inhalati

on:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:HIGH CONCENTRATIONS OF VAPOR MAY IRRITATE THE EYES AND RESPIRATORY TRACT. INHALATION OF HIGH CONCENTRATIONS OF VAPOR MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION MAY BE HARMFUL. PROLONGED OR REPEATED CONTACT MAY IRRITATE THE SKIN.

Explanation of Carcinogenicity:MFR: LAB TESTS WITH ANIMALS HAVE SHOWN SOME INDICATIONS OF SKIN CANCER IN LAB ANIMALS.

Effec

ts of Overexposure:INHALATION: COUGHING, WHEEZING, SHORTNESS OF BREATH, DIZZINESS, HEADACHE, NAUSEA. EYES: REDNESS, BLURRED VISION, DISCOMFORT. SKIN; REDNESS, ITCHING. INGESTION: NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. SEE DOCTOR. EYES: FLU

SH WITH LOTS OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPE N. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING! DO NOT GIVE LIQUIDS. GET IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures
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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, CARBON D

IOXIDE

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. WATER SHOULD BE USED TO COOL FIRE EXPOSED CONTAINERS AND PERSONNEL.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:ISOLATE AND DENY ENTRY. ELIMINATE ALL SOURCES OF IGNITION. SHUT OFF SOURCE OF LEAK IF DONE WITHOUT RISK. CONTAIN SPILL. KEEP FROM WATERWAYS AND SEWERS. RECOVER AND RETURN TO

SOURCE. USE SUITABLE SORBENTS TO CLEAN UP RESIDUAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PRODUCT SHOULD BE HANDLED AND STORED IAW INDUSTRY ACCEPTED PRATICES. USE APPROPRIATE GROUNDING PRACTICES. KEEP AWAY FROM INCOMPATIBLES.

Other Precautions:KEEP AWAY FROM SOURCES OF IGNITION.

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

Respirato

ry Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR SUPPLIED AIR RESPIRATOR IF TLV OR STEL EXCEEDED. OBSERVE RESPIRATOR PROTECTION FACTORS CRITERIA IN ANSI Z88.2(1980).

Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION.

Protective Gloves:NEOPRENE, NITRILE, VITON, OR PVA

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRIN

KING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F4

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

Vapor Pres:1-10 MM HG

Vapor Density:4-5(AIR=1)

Spec Gravity:0.8

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR AMBER LIQUID, FUEL OILODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Cond

ition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE, ALDEHYDES, AROMATIC HYDROCARBONS

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

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

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