

LOUIS DREYFUS ENERGY CORP -- KEROSENE

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MSDS Safety Information
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FSC: 9140
NIIN: 01-292-4460
MSDS Date: 08/17/1992
MSDS Num: BXFTV
Product ID: KEROSENE
MFN: 01
Responsible Party
Cage: OGYU1
Name: LOUIS DREYFUS ENERGY CORP
Address: 8800 ROSWELL RD SUITE 200
City: ATLANTA GA 30350
Inf
o Phone Number: 404-594-3500
Emergency Phone Number: 404-594-3500
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: OGYU1
Name: LOUIS DREYFUS ENERGY CORP
Address: 8800 ROSWELL RD SUITE 200
City: ATLANTA GA 30350
Phone: 404-594-3500

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Item Description Information
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Item Name:
KEROSINE
Unit of Issue: GL
UI Container Qty: X
Type of Container: BULK

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Ingredients
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Cas: 8008-20-6
RTECS #: OA5500000
Name: ALIPHATIC PETROLEUM SOLVENT
% Wt: 99-100
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data
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LD

50 LC50 Mixture: DERMAL LD50 (RAT) IS >5ML/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INGESTION-MODERATELY TOXIC. ASPIRATION INTO THE LUNGS MAY CAUSE PNEUMONITIS. SKIN-PRACTICALLY NONTOXIC. MODERATELY IRRITATING. EYE-EXPOSURE TO VAPORS, FUMES OR MISTS MAY CAUSE IRRITATION. INHALATION-MAY CAUSE RESPIRATORY TRACT IRRITATION.

Explanation Of Carcinogenicity: IARC HAS DETERMINED THAT THERE IS LIMITED

EVIDENCE FOR THE CARCINOGENICITY OF STRAIT-RUN KEROSENE IN EXPERIMENTAL

ANIMAL

Signs And Symptoms Of Overexposure: INGESTION-NAUSEA, VOMITING & DIARRHEA, EXCITATION, EUPHORIA, HEADACHE, DIZZINESS, DROWSINESS, BLURRED VISION, FATIGUE, TREMORS, CONVULSIONS, LOSS OF CONSCIOUSNESS, COMA, RESPIRATORY ARREST & DEATH. SKIN-DEFATTING, REDNESS, ITCHING, INFLAMMATION, CRACKING. INHALATION-MAY CAUSE CNS SYMPTOMS SIMILAR TO INGESTION.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYE-FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN-REMOVE SOILED CLOTHING. WASH AREA WITH SOAP & WATER. GET MEDICAL ATTENTION FOR IRRITATION. INHALATION- REMOVE FROM EXPOSURE. IF NOT BREATHING ENSURE OPEN AIRWAYS & INSTITUTE CPR. IF BREATHING IS HARD, GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION-DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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Handling and Disposal

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Spill Release Procedures: SMALL SPILL-TAKE UP WITH SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL OR OTHER SORBENT KNOWN TO BE COMPATIBLE, THEN FLUSH AREA WITH WATER. LARGE SPILL-DIKE FAR AHEAD OF SPILL FOR LATER DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: THE TRANSPORTATION, STORAGE, TREATMENT AND DISPOSAL OF THIS WASTE MATERIAL MUST BE CONDUCTED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: STORE IN TIGHTLY CLOSED CONTAINERS IN COOL, DRY, ISOLATED, WELL-VENTILATED AREA AWAY FROM HEAT, SOURCES OF IGNITION & INCOMPATIBLES.

Other Precautions: USE NON-SPARKING TOOLS. GROUND LINES AND EQUIPMENT USED DURING TRANSFER TO REDUCE THE POSSIBILITY OF STATIC SPARKING FIRE OR EXPLOSION. THIS PRODUCT DOES NOT MEET THE SULFUR LIMITS FOR K-1 KEROSENE & SHOULD NOT BE USED IN NONFLUE APPLIANCES

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: 120F,49C

Autoignition Temp Text: 210C

Lower Limits: 0.7

Upper Limits: 5.0

Extinguishing Media: USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE TO EXTINGUISH FIRE. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINER

Fire Fighting Procedures: IF LEAK OR SPILL HAS NOT IGNITED, VENTILATE AREA & USE WATER SPRAY TO DISPERSE GAS OR VAPOR & TO PROTECT PERSONNEL ATTEMPTING TO STOP LEAK.

Unusual Fire/Explosion Hazard: IRRITATING OR TOXIC SUBSTANCES MAY BE EMITTED UPON THERMAL DECOMPOSITION. DANGEROUS WHEN EXPOSED TO HEAT OR FLAME. RUNOFF TO SEWER MAY CAUSE FIRE OR EXPLOSION.

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Control Measures
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Respiratory Protection: NIOSH/MSHA APPROVED BREATHING EQUIPMENT MUST BE AVAILABLE FOR NON-ROUTINE AND EMERGENCY USE.

Ventilation: VENTILATION MAY BE USED TO CONTROL OR REDUCE AIRBORNE CONCENTRATIONS.

Protective Gloves: WEAR IMPERVIOUS GLOVES.

Eye Protection: WEAR SAFETY GLASSES OR CHEMICAL GOGGLES.

Other Protective Equipment: WEAR PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: EMPTY CONTAINERS MAY CONTAIN TOXIC, FLAMMABLE/COMBUSTIBLE OR EXPLOSIVE RESIDUE OR VAPORS. DO NOT CUT, GRIND, WELD OR

REUSE CONTAINERS UNLESS ADEQUATE PRECAUTIONS ARE TAKEN AGAINST THESE HAZARDS.

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Physical/Chemical Properties
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HCC: F4

B.P. Text: 300F,149C

M.P/F.P Text: NA

Vapor Pres: 0.40 MMHG

Vapor Density: 4.7

Spec Gravity: ND

PH: ND

Viscosity: 1.4-2.1 CST

Evaporation Rate & Reference: SLOWER (WATER=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: COLORLESS/STRAW/COLORED CLEAR LIQUID WIT

H A HYDROCARBON

ODOR.

Percent Volatiles by Volume: 100

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: STABLE.

Materials To Avoid: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: COMBUSTION MAY PRODUCE CARBON MONOXIDE,
CARBON DIOXIDE AND REACTIVE HYDROCARBONS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymeriza
tion: NONE

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Informa
tion
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Other Information
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Transportation Information
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Responsible Party Cage: 0GYU1

Trans ID NO: 122673

Product ID: KEROSENE

MSDS Prepared Date: 08/17/1992

Review Date: 07/13/1995

MFN: 1

Net Unit Weight: BULK

AF MMAC Code

: NR
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: GL
Container QTY: X
Type Of Container: BULK

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Detail DOT Information
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DOT PSN Code: ICS
DOT Proper Shipping Name: KEROSENE
Hazard Class: 3
UN ID Num: UN1223
DOT Packaging Group: III
Label: FLAMMABLE LIQUID
Special Provision: B1,T1
Packaging Exception: 150
Non Bulk Pack: 203
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Ves
sel Stow Req: A

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Detail IMO Information
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IMO PSN Code: IRR
IMO Proper Shipping Name: KEROSENE
IMDG Page Number: 3375
UN Number: 1223
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: 311

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Detail IATA Information
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IA
TA PSN Code: OVO
IATA UN ID Num: 1223
IATA Proper Shipping Name: KEROSENE
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: III
Packing Note Passenger: 309
Max Quant Pass: 60L
Max Quant Cargo: 220L
Packaging Note Cargo: 310

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Detail AFI Information
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AFI PSN Code: OVO
AFI Proper Shipping Name: KEROSENE
AFI Hazard Class: 3
AFI UN ID NUM: UN1223
AFI Packing Group: III
Special

Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label

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Product ID: KEROSENE
Cage: 0GYU1
Company Name: LOUIS DREYFUS ENERGY CORP
Street: 8800 ROSWELL RD SUITE 200
City: ATLANTA GA
Zipcode: 30350
Health Emergency Phone: 404-594-3500
Label Required IND: Y
Date Of Label Review: 07/13/1995
Status Code: C
Label Date: 07/13/1995
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YE
S
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None

Hazard And Precautions: IN CASE OF SPILL: SMALL SPILL-TAKE UP WITH SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL OR OTHER SORBENT KNOWN TO BE COMPATIBLE, THEN FLUSH AREA WITH WATER. LARGE SPILL-DIKE FAR AHEAD OF SPILL FOR LATER DISPOSAL. FIRST AID: EYE-FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENT
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ormulated for use by elements of the Department of Defense.

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