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MSDS Safety Information

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FSC: 9130  
NIIN: 00-148-7103  
MSDS Date: 09/01/1992  
MSDS Num: BPRCQ  
Product ID: UNLEADED GASOLINE  
MFN: 02  
Responsible Party  
Cage: OGYU1  
Name: LOUIS DREYFUS ENERGY CORP  
Address: 8800 ROSWELL RD SUITE 200  
City: ATLANTA GA 30350  
Info 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: GASOLINE,AUTOMOTIVE  
Unit of Issue: GL  
UI Container Qty:  
X

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Ingredients

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Cas: 71-43-2  
RTECS #: CY1400000  
Name: BENZENE (SARA III)  
% Wt: 1-5  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 1PPM/5STEL;1910.1028  
ACGIH TLV: 10 PPM; A2; 9192  
EPA Rpt Qty: 10 LBS  
DOT Rpt Qty: 10 LBS

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Cas: 108-88-3  
RTECS #: XS5250000  
Name: TOLUENE (SARA III)  
% Wt: 1-9  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 200 PPM/150 STEL  
ACGIH TLV: 50 P

PM; 9293  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENES (O-,M-,P- ISOMERS) (SARA III)  
% Wt: 1-14  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 100 PPM/150 STEL  
ACGIH TLV: 100 PPM/150STEL;9192  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 100-41-4  
RTECS #: DA0700000  
Name: ETHYL BENZENE (SARA III)  
% Wt: 1-5  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 100 PPM/125 STEL  
ACGIH TLV: 100 PPM/125S  
TEL 9293  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 1634-04-4  
RTECS #: KN5250000  
Name: METHYL TERT-BUTYL ETHER (SARA III)  
% Wt: 0-10  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
EPA Rpt Qty: 1 LB  
DOT Rpt Qty: 1 LB

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Cas: 95-63-6  
RTECS #: DC3325000  
Name: 1,2,4-TRIMETHYLBENZENE (SARA III)  
% Wt: 1-5  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 25 PPM  
ACGIH TLV: 25 PPM; 9293

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## Health Hazards Data

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LD50 LC50 Mixture: LD50 (ORAL RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: SKIN-THIS MATERIAL MAY CAUSE MILD SKIN IRRITATION.

EYE-THIS MATERIAL MAY CAUSE MILD EYE IRRITATION. INHALATION-THIS MATERIAL HAS A LOW DEGREE OF TOXICITY.

Explanation Of Carcinogenicity: BENZENE, A

COMPONENT OF THIS PRODUCT, IS A

KNOWN CANCER HAZARD. BENZENE HAS BEEN IDENTIFIED BY NTP, IARC & OSHA.

Signs And Symptoms Of Overexposure: SKIN-MAY CAUSE REDNESS, BURNING, DRYING

& CRACKING OF THE SKIN. EYE-DIRECT CONTACT OR EXPOSURE TO LIQUID/VAPOR

MAY CAUSE STINGING, TEARING & REDNESS. INHALATION-BREATHING HIGH

CONCENTRATIONS OF VAPORS /MIST MAY CAUSE FLUSHING, BLURRED VISION, NAUSEA,

HEADACHE, DROWSINESS, LOSS OF CONSCIOUSNESS, FATIGUE, COLLAPSE, DEATH.

Medical Cond Agg

ravated By Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS

AND PRE-EXISTING LUNG DISORDERS (E.G. ASTHMA-LIKE CONDITIONS) MAY BE

AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

First Aid: EYES: FLUSH EYES WITH CLEAN WATER. GET MEDICAL ATTENTION. SKIN: WIPE

MATERIAL FROM SKIN. WASH WITH MILD SOAP & WATER & WATERLESS SKIN

CLEANER IF NEEDED INHALE: REMOVE TO FRESH AIR. GIVE AIR, OXYGEN OR

ADMINISTER CPR, IF NOT BREATHING. GET MEDICAL ADVICE. INGEST: ASPIRATION

HAZARD. DO NOT INDUCE

VOMITING. IF VICTIM IS DROWSY, PLACE ON LEFT SIDE WITH

HEAD DOWN. SEEK MEDICAL ATTENTION.

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## Handling and Disposal

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Spill Release Procedures: EXTREMELY FLAMMABLE. REMOVE IGNITION SOURCES. DIKE

FAR AHEAD OF SPILL FOR LATER RECOVERY/DISPOSAL. SPILLED MATERIAL MAY BE

ABSORBED INTO AN APPROPRIATE ABSORBENT MATERIAL. NOTIFY FIRE AUTHORITIES &

APPROPRIATE FEDERAL, STATE & LOCAL AG

ENCIES.

Waste Disposal Methods: STAY UPWIND & AWAY FROM SPILL/RELEASE. ISOLATE

HAZARD AREA & LIMIT ENTRY TO EMERGENCY CREW. WEAR PROTECTIVE EQUIPMENT

INCLUDING RESPIRATORY PROTECTION AS CONDITIONS WARRANT. DISPOSE OF PRODUCT IN

ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: KEEP CONTAINER TIGHTLY CLOSED. USE/STORE IN

COOL, DRY, WELL VENTILATED AREAS AWAY FROM HEAT, DIRECT SUNLIGHT, HOT METAL

SURFACES & SOURCES OF IGNITION

Other Prec

autions: BOND & GROUND ALL EQUIPMENT WHEN TRANSFERRING FROM ONE VESSEL TO ANOTHER. STORE ONLY IN APPROVED CONTAINERS. KEEP AWAY FROM IMCOMPATIBLES. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. USE EXPLOSION-PROOF EQUIPMENT. NO SMOKING.

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## Fire and Explosion Hazard Information

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Flash Point Method: TCC

Flash Point Text: -45F,-43C

Autoignition Temp Text: UNK

Lower Limits: UNKNOWN

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Upper Limits: UNKNOWN

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, HALON, FOAM, WATER SPRAY IS RECOMMENDED. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures: WEAR APPROPRIATE PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECTION. WATER SPRAY MAY BE USED TO MINIMIZE/DISPERSE VAPORS & COOL FIRE EXPOSED EQUIPMENT.

Unusual Fire/Explosion Hazard: THIS MATERIAL IS EXTREMELY FLAMMABLE & MAY BE IGNITED BY HEAT, FLAMES, ETC. VAPOR IS HEAVIER THAN AIR & CAN TRAVEL, IGNITE & FLASH BACK.

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## Control Measures

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Respiratory Protection: THE USE OF A RESPIRATOR IS REQUIRED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMIT. DEPENDING ON THE CONCENTRATION, USE A RESPIRATOR OR GAS MASK WITH APPROPRIATE CARTRIDGE & CANISTER (NIOSH APPROVED) OR SUPPLIED AIR EQUIPMENT.

Ventilation: ADDITIONAL VENTILATION OR EXHAUST MAY BE REQUIRED. USE EXPLOSION PROOF

VENTILATION WHERE EXPLOSIVE MIXTURES ARE PRESENT

Protective Gloves: IMPERMEABLE GLOVES ARE ADVISED.

Eye Protection: SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment: CLEAN WATER BE AVAILABLE IN THE WORK AREA FOR FLUSHING EYES & SKIN. IMPERVIOUS CLOTHING SHOULD BE WORN AS NEEDED.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING & SHOES. USE GOOD PERSONAL HYGIENE PRACTICES.

Supplemental Safety and Health: NOTE TO PHYSICIAN: EXPOSURE TO HIGH

CONCENTRATIONS OF THIS MATERIAL MAY BE ASSOCIATED WITH ACDIAC ARRHYTHMIAS. EPINEPHRINE & OTHER SYMPATHOMIMETIC DRUGS MAY INITIATE CARDIAC ARRHYTHMIAS IN PERSONS EXPOSED TO THIS MATERIAL. OTHER DRUGS SHOULD BE CONSIDERED.

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## Physical/Chemical Properties

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HCC: F1

B.P. Text: 90-425F

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: >1 AIR

=1  
Spec Gravity: 0.75  
PH: UNK  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: CLEAR, VARIES IN COLOR. GASOLINE ODOR.  
Percent Volatiles by Volume: 100  
Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES  
Stability Condition To Avoid: AVOID ALL POSSIBLE SOURCES OF IGNITION.  
Materials To Avoid: CONTACT WITH STRONG OXIDIZING AGENTS SUCH AS CHLORINE,  
PERMANGANATES AND DI  
CHROMATES MAY CAUSE FIRE OR EXPLOSION.  
Hazardous Decomposition Products: COMBUSTION MAY YIELD SIGNIFICANT AMOUNTS OF  
CARBON MONOXIDE & SMALL AMOUNTS OF OXIDES OF SULFUR & NITROGEN & ORGANICS.  
Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 0GYU1  
Trans ID NO: 51015  
Product ID: UNLEADED GASOLINE  
MSDS Prepared Date: 09/01/1992  
Review Date: 01/11/1993  
MFN: 2  
Tech Entry NOS Shipping Nm: GASOLINE  
Net Unit Weight: BULK  
AF MMAC Code: NR  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: GL  
Container QTY: X

Detail DOT Information

DOT PSN Code: GTN  
DO

T Proper Shipping Name: GASOLINE  
Hazard Class: 3  
UN ID Num: UN1203  
DOT Packaging Group: II  
Label: FLAMMABLE LIQUID  
Special Provision: B33,B101,T8  
Non Bulk Pack: 202  
Bulk Pack: 242  
Max Qty Pass: 5 L  
Max Qty Cargo: 60 L  
Vessel Stow Req: E

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Detail IMO Information

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IMO PSN Code: HRV  
IMO Proper Shipping Name: GASOLINE  
IMDG Page Number: 3141  
UN Number: 1203  
UN Hazard Class: 3.1  
IMO Packaging  
Group: II  
Subsidiary Risk Label: -  
EMS Number: 3-07  
MED First Aid Guide NUM: 311

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Detail IATA Information

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IATA PSN Code: RMF  
IATA UN ID Num: 1203  
IATA Proper Shipping Name: MOTOR SPIRIT  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
UN Packing Group: II  
Packing Note Passenger: 305  
Max Quant Pass: 5L  
Max Quant Cargo: 60L  
Packaging Note Cargo: 307  
Exceptions: A100

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Detail AFI Information

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AFI PSN UC  
AFI Proper Shipping Name: GASOLINE  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1203  
AFI Packing Group: II  
Special Provisions: P5  
Back Pack Reference: A7.3

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HAZCOM Label

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Product ID: UNLEADED GASOLINE  
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: 02/01/1993  
Status Code: C  
MFG Label NO: UNKNOWN  
Label Date: 02/01/1993  
Origination Code: F  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Severe  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None

Hazard And Precautions: BENZENE, A COMPONENT OF THIS PRODUCT, IS A KNOWN CANCER

HAZARD. BENZENE HAS BEEN IDENTIFIED BY NTP, IARC & OSHA. KEEP CONTAINER TIGHTLY CLOSED. USE/STORE IN COOL, DRY, WELL VENTILATED AREAS AWAY FROM HEAT, DIRECT SUNLIGHT, HOT METAL SURFACES & SOURCES OF IGNITION FIRST AID: EYES: FLUSH EYES WITH CLEAN WATER. GET MEDICAL ATTENTION. SKIN: WIPE MATERIAL FROM SKIN. WASH WITH MILD SOAP & WATER & WATERLESS SKIN CLEANER IF NEEDED INHALE: REMOVE TO FRESH AIR. GIVE AIR, OXYGEN OR ADMINISTER CPR, IF NOT BREATHING. GET MEDICAL ADVICE. INGEST: ASPIRATION HAZARD. DO NOT INDUCE VOMITING. IF VICTIM IS DROWSY , PLACE ON LEFT SIDE WITH HEAD DOWN. SEE PHYSICIAN

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