

KERR-MCGEE CORP KERR-MCGEE CENTER -- UNLEADED GASOLINE -- 9130-01-272-0983  
===== Product Identification =====

Product ID:UNLEADED GASOLINE

MSDS Date:08/01/1991

FSC:9130

NIIN:01-272-0983

MSDS Number: BPHVP

=== Responsible Party ===

Company Name:KERR-MCGEE CORP KERR-MCGEE CENTER

Box:25861

City:OKLAHOMA CITY

State:OK

ZIP:73125

Country:US

Emergency Phone Num:405-775-5000

Preparer's Name:KEITH W. BUNS

ELMEYER

CAGE:50848

=== Contractor Identification ===

Company Name:KERR-MCGEE CORP KERR-MCGEE CENTER

Box:25861

City:OKLAHOMA CITY

State:OK

ZIP:73125

Country:US

CAGE:50848

Company Name:LAKESIDE OIL CO INC

Address:2817 W STARK

Box:City:MILWAUKEE

State:WI

ZIP:53209-5419

Country:US

Phone:414-445-6464

CAGE:8P890

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

Ingred Name:GASOLINE (MIXTURE)

CAS:8006-61-9

RTECS #:LX3300000

Fraction by Wt: 85-100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM/500 STEL  
ACGIH TLV:300 PPM/500STEL;9293

Ingred Name:METHYL TERT-BUTYL ETHER (SARA III)  
CAS:1634-04-4  
RTECS #:KN5250000  
Fraction by Wt: 0-15%  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:BENZENE (SARA III)  
CAS:71-43-2  
RTECS #:CY1400000  
Fraction by Wt: UP 2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1PPM/5STEL;1910.1028  
ACGIH TLV:10 PPM; A2; 9293  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS52  
50000  
Fraction by Wt: UP 10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: UP 10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Ski

n:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO

Health Hazards Acute and Chronic:CHRONIC: INHALATION-NERVOUS SYSTEM, KIDNEY, LIVER & BLOOD DISORDERS, INCLUDING ANEMIA & LUKEMIA. SKIN-DERMATITIS. ACUTE: INHALATION- RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION. SKIN-IRR ITATION. EYES-IRRITATION. INGESTION-ASPIRATION HAZARD, PULMONARY EDEMA, CENTRAL NERVOUS SYSTEM DEPRESSION.

Explanation of Carcinogenicity:OSHA REQUIRES LABEL: DANGER, CONTAINS

BENZENE, CANCER HAZARD.

Effects of Overexposure:INHALATION-HEADACHE, NAUSEA, DROWSINESS, BREATHLESSNESS, FATIGUE, CONVULSION & LOSS OF CONSCIOUSNESS. INGESTION-HEADACHE, NAUSEA, DROWSINESS, FATIGUE, PNEUMONITIS, CONVULSION AND LOSS OF CONSCIOUSNESS .

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER.

INGESTION: DO NOT INDUCE VOMITING. MAY CAUSE CHEMICAL PNEUMONITIS. CALL A PHYSICIAN. INHALATION: SHOULD SYMPTOMS NOT ED UNDER EXPOSURE OCCUR, REMOVE TO FRESHAIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. (REMOVE GASOLINE-SOAKED CLOTHING)

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

Flash Point Method:TCC

Flash Point:-45F,-43C

Autoignition Temp:Autoignition Temp Text:536F

Lower Limits:1.4 %

Upper Limits:7.6 %

Extinguishing Media:CARBON DIOXIDE, DRY C HEMICAL, OR FOAM. WATER STREAM

MAY SPREAD FIRE, USE WTAER SPRAY ONLY TO COOL FIRE EXPOSED CONTAINER

Fire Fighting Procedures:IF LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS.

Unusual Fire/Explosion Hazard:CAN FORM FLAMMABLE MIXTURES WITH AIR & FLASH AT ROOM TEMP. EXPLOSION HAZARD IN FIRE SITUATION. VAPORS HEAVIER THAN AIR & MAY TRAVEL SOME DISTANCE & FLASH BACK.

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

Spill Release Procedu

res:NOTIFY EMERGENCY RESPONSE PERSONNEL. EVACUATE  
AREA & REMOVE IGNITION SOURCES. BUILD DIKE TO CONTAIN FLOW. REMOVE  
FREE LIQUID, DO NOT FLUSH TO SEWER OR OPEN WATER. PUCK UP WITH  
INERT ABSORBENT AND PLACE IN CLOSED CONTAINER FOR DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:DO NOT STORE WITH STRONG OXIDIZERS.  
STORE AS OSHA IB FLAMMABLE LIQUID.

Other Precautions:W

ARNING! FLAMMABLE LIQUID AND VAPOR. HARMFUL IF  
INHALED & MAY CAUSE DELAYED LUNJ INJURY. ASPIRATION HAZARD IF  
SWALLOWED. CANCER HAZARD - CONTAINS BENZENE. KEEP AWAY FROM HEAT,  
SPARKS AND FLAMES. AVOID BREATHING VAPORS.

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Exposure Controls/Personal Protection  
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Respiratory Protection:UP TO 10 PPM BENZENE, HALF-MASK ORGANIC VAPOR  
RESPIRATOR. UP TO 50 PPM BENZENE, FULL-FACE ORGANIC VAPOR  
RESPIRATOR OR FULL-FACE SUPPLIED AIR RESPIRATOR. GREATER THAN 50

PPM BENZENE, SELF-CONTAINED BRE ATHING APPARATUS WITH POSITIVE  
PRESSURE.

Ventilation:MAINTAIN LOCAL OR DILUTION VENTILATION TO KEEP AIR  
CONCENTRATION BELOW 300 PPM GASOLINE AND 1 PPM BENZENE.

Protective Gloves:NITRILE, NEOPRENE

Eye Protection:CHEMICAL-TYPE GOGGLES, FACE SHIELD

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

AVOID CONTACT WITY EYES, SKIN AND CLOTHING.

=====  
Physical/Chemical Properties  
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HCC:F1

Boiling Pt:=25.6C, 78.F

Vapor Pres:7-14 MMHG

Vapor Density:3 - 4.0

Spec Gravity:0.7 - .76

pH:N.A.

Viscosity:N.A.

Evaporation Rate & Reference:1.5 X SLOWER ETHYL ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR TO RED LIQUID

Percent Volatiles by Volume:100 %

Corrosion Rate:N.A.

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condi

tion to Avoid:HEAT, SPARKS, FLAME AND OTHER SOURCES OF  
IGNITION.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION CAN YIELD CARBON  
MONOXIDE AND VARIOUS HYDROCARBONS.

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

Waste Disposal Methods:UTILIZE LICENSED WSTE DISPOSAL COMPANY. CONSIDER  
RECYCLING OR INCINERATION. UTILIZE PERMITTED HAZARDOUS WASTE  
DISPOSAL SITE OR INDUSTRIAL WASTE DISPOSAL SITE AS APPROPRIATE.

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