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KERR-MCGEE CORP KERR-MCGEE CENTER -- UNLEADED GASOLINE -- 9130-00-148-7104
========== Product Identification ==========

Product ID:UNLEADED GASOLINE
MSDS Date:08/01/1991
FSC:9130
NIIN:00-148-7104
MSDS Number: BPHGP
=== Responsible Party ===
Company Name:KERR-MCGEE CORP KERR-MCGEE CENTER
Box:25861
City:OKLAHOMA CITY
State:OK
ZIP:73125
Country:US
Preparer's Name:KEITH W. BUNSELMEYER
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 T

LV: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 #:XS5250000
Fraction by Wt: UP 10%
Othe
r 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 Skin:YES Ingestion:YES
Reports of C

arcinogenicity: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-IRRI TATION. 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 FRESH AIR. 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 CHEMICAL, 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 Procedures:NOTIFY EMERGENCY RESPONSE PER

SONNEL. EVCUATE
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.

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

Handling and Storage Precautions:DO NOT STORE WITH STRONG OXIDIZERS. STORE AS OSHA IB FLAMMABLE LIQUID.
Other Precautions:WARNING! FLAMMABLE LIQUID AND VAPO
R. 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.

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

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:F2
Boiling Pt:B.P. Text:78.0F,25.6C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Decomp Temp:Decomp Text:N.A.
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.

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

Stability Indicator/Materials to

Avoid:YES
STRONG OXIDIZERS
Stability Condition 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 APPROPIATE.

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