

KERR-MCGEE REFINING CORP KERR-MCGEE CENTER -- PREMIUM UNLEADED GASOLINE --
9130-00-148-7104

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

Product ID:PREMIUM UNLEADED GASOLINE

MSDS Date:01/01/1988

FSC:9130

NIIN:00-148-7104

MSDS Number: BKPGF

=== Responsible Party ===

Company Name:KERR-MCGEE REFINING CORP KERR-MCGEE CENTER

Box:24046

City:OKLAHOMA CITY

State:OK

ZIP:73124

Country:US

Info Phone Num:713-831-4700

Emergency Phone Num:713-831-4700/800-424-9300(CHEMTREC)

CAGE:5H561

=== Contractor Identification ===

Company Name:AUTOMATIC GAS COMPANY, INC.

Box:28

City:GREENVILLE

State:TX

ZIP:75401

Country:US

Phone:214-455-4546

CAGE:0NS38

Company Name:KERR-MCGEE REFINING CORP KERR-MCGEE CENTER

Box:24046

City:OKLAHOMA CITY

State:OK

ZIP:73124

Country:US

Phone:800-424-9300/713-831-4700 (HOUSTON)

CAGE:5H561

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

Ingred Name:XYLENES (O-,M-,P- ISOMER

S) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: < 7.1%
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

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: > 5.4% %
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE (SARA III)
CAS:71-43-2
RTECS #:CY1400000
Fraction by Wt: > 2% %
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

Ingred Name:METHYL TERT-BUTYL ETHER (SARA III)
CAS:1634-04-4
RTECS #:KN5250000
Fraction by Wt: 8-15% %
Other REC Limits:NONE SPECIFIED
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:GASOLINE
CAS:8006-61-9
RTECS #:LX3300000
Fraction by Wt: 85-92% %
Other REC Limits:NONE SPECIFIED
OSHA PEL:300 PPM/500 STEL
ACGIH TLV:300 PPM/500STEL;9192

=====
===== Hazards Iden

tification =====

LD50 LC50 Mixture:TLV FOR GASOLINE IS 300 PPM TWA

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM DISTURBANCES, KIDNEY, LIVER AND BLOOD DISORDERS, SKIN IRRITATION, EYE IRRITATION, PNEUMONITIS, PULMONARY EDEMA, LOSS OF CONSCIOUSNESS.

Explanation of Carcinogenicity:BENZENE IS LISTED AS A CARCINOGEN OR P

POTENTIAL CARCINOGEN BY NTP, IARC AND OSHA.

Effects of Overexposure:HEADACHE, NASAL/RESPIRATORY IRRITATION, NAUSEA, DROWSINESS, BREATHLESSNESS, FATIGUE, CONVULSIONS, LOSS OF CONSCIOUSNESS, ANEMIA, LEUKEMIA, SKIN IRRITATION, EYE IRRITATION, ASPIRATION HAZARD.

Medical Cond Aggravated by Exposure:PRE-EXISTING KIDNEY, LIVER AND BLODD DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO PRODUCT.

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

First Aid:INHALATION: MOVE EXP

POSED PERSON TO FRESH AIR. IF BREATHING

HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. SKIN: IF CLOTHING IS SOAKED, IMMEDIATELY REMOVE

CLOTHI NG AND WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION.

EYES: IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. GET MEDICAL

ATTENTION. INGESTION: INDUCE VOMITING ONLY AT THE ADVICE OF

PHYSICIAN.

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

Flash Point Method:TCC

F

lash Point:-45F,-43C

Lower Limits:1.4%

Upper Limits:7.6%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM. WATER STREAM MAY SPREAD FIRE, USE WATER SPRAY ONLY TO COOL CONTAINERS.

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

Unusual Fire/Explosion Hazard:CAN FORM FLAMMABLE MIXTURES WITH AIR AND FLASH AT ROOM TEMPERATURE. EXPLOSION HAZARD IN FIRE SITUATION. VAPOR HEAVIER THAN AIR AND MAY TRAVEL TO IGNITION SOURCE

=====

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

Spill Release Procedures:IF SPILL OR LEAK HAS NOT IGNITED, USE WATER
SPRAY TO DISPERSE VAPORS. KEEP OUT OF WATERWAYS, SEWERS, CONFINED
SPACES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:NEVER GIVE ANYTHING BY MOUTH TO AN UNC
ONSCIOUS

PERSON. PRODUCT IS AN ASPIRATION HAZARD IF SWALLOWED. SHOULD
VOMITING OCCUR, KEEP VICTIMS HEAD BELOW HIPS.

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

Respiratory Protection:P

Ventilation:P

Protective Gloves:P

Eye Protection:P

Other Protective Equipment:P

Work Hygienic Practices:P

Supplemental Safety and Health

P

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

HCC:F1

Boiling Pt:B.P. Text:84.0F,28.9C

Melt/Freeze Pt:M.P/F.P Text:NOT
GIVEN

Vapor Pres:9-15 @100F

Vapor Density:3-4

Spec Gravity:0.72-0.76

Evaporation Rate & Reference:< 1 (ETHYL ETHER = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID, GASOLINE ODOR

Percent Volatiles by Volume:100 %

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

Stability Indicator/Materials to Avoid:YES

DO NOT STORE WITH STRONG OXIDIZERS.

Stability Condition to Avoid:STORE AWAY FROM EXTREME HEAT AND OPEN
FLAME.

Hazardous Decomposition Products:INCO

MPLETE COMBUSTION CAN YIELD CARBON
MONOXIDE AND VARIOUS HYDROCARBONS.

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

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants thi
s information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.