

TEXACO REFINING AND MARKETING, INC. -- 00365 TEXACO UNLEADED GASOLINE --  
9130-00-264-4538

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

Product ID:00365 TEXACO UNLEADED GASOLINE  
MSDS Date:06/07/1991  
FSC:9130  
NIIN:00-264-4538  
MSDS Number: BNKPS  
=== Responsible Party ===  
Company Name:TEXACO REFINING AND MARKETING, INC.  
Box:52332  
City:HOUSTON  
State:TX  
ZIP:77052  
Country:US  
Info Phone Num:914-838-7204  
Emergency P  
hone Num:914-831-3400  
CAGE:2R503  
=== Contractor Identification ===  
Company Name:TEXACO REFINING AND MARKETING INC  
Address:1111 RUSK ST  
Box:City:HOUSTON  
State:TX  
ZIP:77002-3310  
Country:US  
Phone:713-650-5206  
CAGE:2R503

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

Ingred Name:BENZENE (SARA III)  
CAS:71-43-2  
RTECS #:CY1400000  
Fraction by Wt: 1-3.99%  
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:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 4-10.99%  
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:ETHYL BENZENE (SARA III)  
CAS:100-41-4  
RTECS #:DA0700000  
Fraction by Wt: 1-3.99%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/125 STEL  
ACGIH TLV:100 PPM/125STEL 9192  
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: 4-10.99%  
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:1,2,4-TRIMETHYLBENZENE (SARA III)  
CAS:95-63-6  
RTECS #:DC3325000  
Fraction by Wt: 1-3.99%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:25 PPM  
ACGIH TLV:25 PPM; 9192

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

B  
DOT Rpt Qty:1 LB

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

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

LD50 LC50 Mixture:ORAL LD50 (RAT) BELIEVED > 5 G/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:EYE IRRITATION, PROLONGED OR  
WIDESPREAD  
SKIN CONTACT MAY RESULT IN ABSORPTION OF POTENTIALLY  
HARMFUL AMOUNTS, BRIEF CONTACT MAY CAUSE SKIN IRRITATION,  
RESPIRATORY TRACT IRRITATION, CENTRAL NERVOUS SYSTEM DISTURBANCES,  
ASPHYXIATION HAZARD, GASTROINTESTINAL DISTURBANCES, ASPIRATION  
HAZARD.  
Explanation of Carcinogenicity:PRODUCT CONTAINS BENZENE WHICH IS LISTED  
AS A CARCINOGEN BY NTP, IARC AND OSHA.  
Effects of Overexposure:EYE DISCOMFORT/REDNESS, SKIN REDNESS/SWELLING,  
NOSE/THROAT IRRITATION, HEADACHE, NAUSEA, VO  
MITING, DIZZINESS,  
DROWSINESS, EUPHORIA, LOSS OF COORDINATION, DISORIENTATION,  
UNCONSCIOUSNESS, ABDOMINAL DIS COMFORT, DIARRHEA.  
Medical Cond Aggravated by Exposure:BECAUSE OF ITS IRRITATING  
PROPERTIES, REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING  
DERMATITIS.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING  
EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND  
WATER. REMO  
VE CONTAMINATED CLOTHING. INGESTION: DO NOT INDUCE  
VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO  
AN UNCONSCIOUS VICTIM. INHALATION: REMOVE TO FRESH AIR. IF NOT  
BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,  
GIVE OXYGEN. CALL MD.

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

Flash Point Method:COC  
Flash Point:-40F,-40C  
Lower Limits:1.4 %  
Upper Limits:7.6 %  
Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE.  
Fire

Fighting Procedures:WATER MAY BE INEFFECTIVE ON FLAMES, BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS. IF A SPILL OR LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE VAPORS.

Unusual Fire/Explosion Hazard:GASOLINE VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. FLOWING GASOLINE CAN GENERATE ELECTRICITY.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES INCLUDING

INTERNAL COMBUSTION ENGINES AND POWER TOOLS. VENTILATE AREA. STAY UPWIND. CONTAIN SPILL IF POSSIBLE. REMOVE WITH INERT ABSORBENT. PREVENT ENTRY INTO SEWERS AND WATERWAYS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, FLAMES AND OTHER SOURCES OF IGNITION. MATERIAL MAY BE AT ELEVATED TEMPERATURES AND/OR PRESSURES.

Other P

recautions:EXERCISE DUE CARE WHEN OPENING BLEEDERS AND SAMPLING PORTS. WHEN HANDLING, USE NON-SPARKING TOOLS, GROUND AND BOND ALL CONTAINERS. CONSULT NFPA 77 FOR THE PROPER HANDLING PRECAUTIONS.

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

Respiratory Protection:IF VAPOR, MIST OR DUST IS GENERATED, USE RESPIRATOR APPROVED BY MSHA OR NIOSH AS APPROPRIATE. SUPPLIED AIR RESPIRATORY PROTECTION SHOULD BE USED FOR CLEANING LARGE SPILLS OR UPON ENTRY INTO TA

NKS, VES SELS OR OTHER CONFINED SPACES.

Ventilation:ADEQUATE TOMEET RECOMMENDED OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:NITRILE, TEFLON, VITON

Eye Protection:CHEMICAL-TYPE GOGGLES, FACE SHIELD

Other Protective Equipment:UNIFORMS, COVERALLS, BOOTS SHOULD BE WORN WHERE CONTACT WITH PRODUCT IS LIKELY.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

LAUNDRER OR DRY CLEAN CONTAMINATED CLOTHIN

G BEFORE REUSE. GROUND AND  
BOND SHIPPING CONTAINER, TRANSFER LINE AND RECEIVING CONTAINER.  
NOTE TO PHYSICIAN: ASPIRATION OF THIS PRODUCT CAN RESULT IN LUNG I  
NJURY. IF EVACUATION OF STOMACH CONTENTS IS CONSIDERED NECESSARY,  
USE METHOD LEAST LIKELY TO CAUSE ASPIRATION.

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

HCC:F2  
Boiling Pt:B.P. Text:>90F,>32C  
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN  
Vapor Pres:465-775  
Vapor Density:3 - 4.0  
Spec Gravity:0.7 - .77  
Eva  
poration Rate & Reference:NOT GIVEN  
Solubility in Water:SLIGHT  
Appearance and Odor:LIGHT STRAW TO LIGHT RED LIQUID  
Percent Volatiles by Volume:100 %

===== 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:TOXIC LEVELS OF CARBON MONOXIDE,  
CARBON DIOXIDE, IRRITATING ALDEHYDES AND KETONES.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL 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, w

arrants this 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.