

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 SYS TEM 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 IGNITI
ON 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 TO MEET 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

LAUNDER 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 INJURY. 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.

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===== 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.

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