

TEXACO REFINING AND MARKETING, INC. -- 00365 TEXACO UNLEADED GASOLINE --
9130-01-272-0983

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

Product ID:00365 TEXACO UNLEADED GASOLINE
MSDS Date:06/07/1991
FSC:9130
NIIN:01-272-0983
MSDS Number: BNKSS
=== 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 Phone 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:N
ONE 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 LB
DOT Rpt Qty:1 LB

Ingred Name:GASOLINE
CAS:8006-61-9
RTECS #:L

X3300000
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, VOMITING, DIZZINESS,
DROWSINESS, EUPHORIA, LOSS OF COORDINATION,
DISORIENTATION,
UNCONSCIOUSNESS, ABDOMINAL DISCOMFORT, 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. REMOVE 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:=-40.C, -40.F
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 POW
ER 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 Precautions:EXERCISE DUE CARE WHEN OPENING BLEEDERS AND SAMPL
ING
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 TANKS, 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

LAUNDER OR DRY CLEAN CONTAMINATED CLOTHING BEFORE REUSE. GROUND AND
BOND SHIPPING CONTAINER, TRAN

SFER 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:F1

Boiling Pt:>32.2C, 90.F

Vapor Pres:465-775

Vapor Density:3 - 4.0

Spec Gravity:0.7 - .77

Evaporation 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.

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