

TEXACO REFINING AND MARKETING, INC. -- 00379 TEXACO SUPER UNLEADED WITH ETHANOL --
9130-01-090-1092

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

Product ID:00379 TEXACO SUPER UNLEADED WITH ETHANOL

MSDS Date:06/25/1992

FSC:9130

NIIN:01-090-1092

MSDS Number: BRPGG

=== 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

=== Contrac

tor 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%
O
ther 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:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 3-11%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9293

Ingred Name:GASOLINE UNLEADED
Fra

ction by Wt: BALANCE
Other REC Limits:NONE SPECIFIED

===== 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 TR
ACT IRRITATION, CENTRAL NERVOUS SYS TEM DISTURBANCES,
ASPHYXIATION HAZARD, GASTROINTESTINAL DISTURBANCES, ASPIRATION
HAZARD.
Explanation of Carcinogenicity:CONTAINS B [71-43-2] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:EYE DISCOMFORT/REDNESS, SKIN REDNESS/ SWELLING,
NOSE/THROAT IRRITATION, HEADACHE, NAUSEA, VOMITING, DIZZINESS,
DROWSINESS, EUPHORIA, LOSS OF COORDINATION, DISORIENTATION,
UNCONSCIOUSNESS, ABDOMINAL DI SCO
MFORT, 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:GET IMMEDIATE
MEDICAL ATTENTION. INDUCE VOMITING ONLY IF ORDERED BY DOCTOR.

NOTHING BY MOUTH IF UNCONSCIOUS OR CONVULSING. INHALATION: REMOVE
TO FRESH AIR. AID BREATHING OR GIVE OXYGEN AS NEEDED. GET MEDICAL
ATTENTION.

===== 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. WATER MAY BE
INEFFECTIVE ON FLAMES;USE IT TO COOL FIRE-EXPOSED CONTAINERS.
Fire Fighting Procedures:IF A SPILL OR LEAK HAS NOT IGNITED

, USE WATER
SPRAY TO DISPERSE VAPORS AND TO PROTECT PERSONNEL WORKING TO STOP
LEAK.
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. VENTILATE
AREA. STAY UPWIND. WEAR PROTECTIVE CLOTHING AND IF LARGE SPILL OR
ONFINED AREA, WEAR SCBA. CONTAIN SPILL IF POSSIBLE. REMOVE WITH
INERT ABSORBENT. PREVENT EN TRY INTO SEWERS AND WATERWAYS.
Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:TRANSPORT, HANDLE & STORE I/A/W OSHA
29CFR1910. GROUND CONTAINERS WHEN TRANSFERRING LIQUID. KEEP AWAY
FROM HEAT,SPARKS,FLAME & OTHER IGNITION SOURCES.
Other Precautions:EXERCISE DUE CARE WHEN OPENING BLEED
ERS 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 TANKS, VES SELS OR OTHER CONFINED SPACES.

Ventila
tion:ADEQUATE TO MEET RECOMMENDED OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:NITRILE, TEFLON, VITON

Eye Protection:CHEMICAL-TYPE GOGGLES OR FACE SHIELD

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

Work Hygienic Practices:TEXACO RECOMMENDS THAT ALL EXPOSURES BE
MINIMIZED. HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID
UNNECESSARY CONTACT.

Supplemental Safety and Health

KEY2:KT LAUNDER OR DRY CLEAN CONTAMINATED CLOT

HING BEFORE REUSE. THIS
PRODUCT IS INTENDED FOR USE AS A MOTOR FUEL ONLY.

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

HCC:F1
NRC/State Lic Num:NONE
Boiling Pt:B.P. Text:>90F,>32C
Vapor Pres:465-775 MM
Vapor Density:3 - 4.0
Spec Gravity:0.7 - .77
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:Y
ES
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:AS CONSTITUTED PRODUCT IS HAZARDOUS WASTE WITH
NUMBERS D001 & D018. UNDER RCRA, IT IS THE RESPONSIBILITY OF THE
USER TO PROPERLY CLASSIFY THE PRODUCT AT DISPOSAL SINCE USE MAY

TRANSFORM OR CONTAMINATE THE PRODUCT TO NON-HAZARDOUS OR TO
ANOTHER HAZARD

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