

TEXACO INC. -- 00375 UNLEADED PLUS GASOLINE -- 9130-00-148-7102

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

Product ID:00375 UNLEADED PLUS GASOLINE

MSDS Date:10/24/1990

FSC:9130

NIIN:00-148-7102

MSDS Number: BRFL

=== Responsible Party ===

Company Name:TEXACO INC.

Box:509

City:BEACON

State:NY

ZIP:12508-0509

Country:US

Info Phone Num:914-831-3400

Emergency Phone Num:914-831-3400

Preparer's Name:M.J. VONALL

MEN

CAGE:38431

=== Contractor Identification ===

Company Name:DIGITAL CONTROL SYSTEMS INC

Address:3160 GRAND MARAIS E

Box:City:WINDSOR, N8W 4W5

State:ON

Country:CN

Phone:NONE

CAGE:38431

Company Name:SCHULTE OIL CO

Address:1516 S ROCK ISLAND

Box:188

City:EL RENO

State:OK

ZIP:73036

Country:US

Phone:405-262-3120

CAGE:4R019

Company Name:TEXACO INC

Box:509

City:BEACON

State:NY

ZIP:12508-0509

Country:US

Phone:914-831-3400

CAGE:7B131

===== 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
Fracti
on by Wt: 1-3.99%
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM/125 STEL
ACGIH TLV: 100 PPM/125 STEL 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/150 STEL; 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 L

imits: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 #:LX3300000
Fraction by Wt: 95-99.9%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM/500 STEL
ACGIH TLV:300 PPM/500STEL;9293

Ingred Name:ALIPHATIC PETROLEUM SOLVENT
CAS:8008-20-6
RTECS #:OA5500000
Fraction by Wt: .01-.09%
Othe
r REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM PETR. DIST.
ACGIH TLV:400 PPM RUBBER SOLV.

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

LD50 LC50 Mixture:ORAL LD50 (RAT) = 18.75 ML/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYES:SLIGHT TO MODERATE
IRRITATION.SKIN:MODERATELY IRRITATING.DERMALLY ABSORBED;LD50 DERMAL
RABBIT>5MG/KG.INHAL:IRRITATES EYES,NOSE,THRO
AT.CAUSES CNS EFFECTS.
INGEST:MAY CAUSE LUNG DAMAGE IF VOMITTED AFTER
SWALLOWING.CHRONIC-GASOLINE VAPORS MAY CAUSE LIVER AND KIDNEY
DAMAGE.
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:SKIN:REDNESS,EDEMA,DRYING.INHAL:CNS
EFFECTS-DIZZINESS,BLUIISH SKIN COLOR.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: REMOVE CONTAMINATED CLOTHING;WASH EXPOSED AREA WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING! CALL A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. G IVE ARTIFICIAL RESPIRATION OR OXYGEN IFNEEDED.CALL PHYSICIAN.

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

Flash Point Method:COC

Flash Point:-40F,-40C

Lower Limits:1.4 %

Upper Limits:7.6 %

Extinguishing Media:DRY CHEMICAL, FOA M, CARBON DIOXIDE.

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE ON FLAMES, BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS. USE A SELF-CONTAINED BRETAHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND TRAVEL ALONG THE FLOOR;FLOWING GASOLINE GENERATES STATIC ELECTRICITY ...THIS PRESENTS A FLASHBACK HAZARD.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA.

AVOID BREATHING VAPORS. USE SCBA FOR LARGE SPILLS OR IN CONFINED AREAS. CONTAIN SPILL IF POSSIBLE. REMOVE WITH NON-FLAMMABLE ADSORBANT(EG.DIATOMACEOUS EARTH);PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:TRANSPORT, HANDLE AND STORE IN ACCORDANCE WITH OSHA REGULATION 1910.106 AND APPLICABLE D.O.T. REGULATIONS.

Other Precau

tions:DANGER! EXTREMELY FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED!

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

Respiratory Protection:SCBA OR SUPPLIED AIR RESPIRATORY PROTECTION REQUIRED FOR ENTRY INTO TANKS, VESSELS, OR OTHER CONFINED SPACES.

Ventilation:ADEQUATE TO MEET PERMISSIBLE CONCENTRATIONS.

Protective Gloves:NITRILE, TEFLON, VITON

Eye Protection:CHEMICAL-TYPE GOGGLES, FACE SHIELD

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS UNIFORMS, COVERA

LLS OR LAB COATS SHOULD BE WORN.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

NONE

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

HCC:F2

Boiling Pt:B.P. Text:>90F,>32C

Vapor Pres:465-775

Vapor Density:3 - 4.0

Spec Gravity:0.7 - .77

Evaporation Rate & Reference:N.D.

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID;LIGHT STRAW TO

LIGHT RED;GASOLINE ODOR

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:CONSIDERED RCRA

HAZARDOUS WASTE;IT IS

TOXIC(BENZENE) AND IGNITABLE(FP=-40F).DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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