

TEXACO INC. -- 00351 UNLEADED REGULAR GASOLINE -- 9130-00-148-7102

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

Product ID:00351 UNLEADED REGULAR GASOLINE

MSDS Date:04/09/1987

FSC:9130

NIIN:00-148-7102

MSDS Number: BPBRN

=== Responsible Party ===

Company Name:TEXACO INC.

Box:509

City:BEACON

State:NY

ZIP:12508-0509

Country:US

Info Phone Num:914-831-3400 EXT 204

Emergency Phone Num:914-831-3400 EXT 204

Prepar

er's Name:R. T. RICHARDS

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: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 SPECIF

IED
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:163

4-04-4
RTECS #:KN5250000
Fraction by Wt: 0-10%
Other REC Limits:NONE SPECIFIED
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

===== 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:ACUTE: EYES-CAUSES SLIGHT-MODERATE EYE
IRRITATION. SKIN-MODERATELY IRRITATING. CHRONIC: RECENT STUDIES
WITH LABOR
ATORY ANIMALS HAVE SHOWN THAT GASOLINE VAPORS CAUSE
KIDNEY DAMAGE & KIDNEY CANCER IN RA TS & LIVER CANCER IN MICE.
Explanation of Carcinogenicity:PRODUCT CONTAINS BENZENE WHICH IS LISTED
AS A CARCINOGEN BY NTP, IARC AND OSHA.
Effects of Overexposure:RESPIRATORY SYSTEM: MAY CAUSE DIZZINESS,
IRRITATION OF EYES, NOSE AND THROAT, VOMITING, BLUISH COLOR OF THE
SKIN AND CNS EFFECTS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH EXPOSED
AREA WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. MAY
CAUSE CHEMICAL PNEUMONITIS. CALL A PHYSICIAN. INHALATION: SHOULD
SYMPTOMS NOT ED UNDER EXPOSURE OCCUR, REMOVE TO FRESHAIR. IF NOT
BREATHING, GIVE ARTIFICIAL RESPIRATION. (REMOVE GASOLINE-SOAKED
CLOTHING)

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

Flash Point Method:COC
Flash Point:-4
0F,-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:FLOWING GASOLINE CAN BE IGNITED BY
SELF-GENERATED STATIC ELECTRICITY; USE ADEQUATE GROUNDING. CARBON
MONOXIDE & CARBON DIOXIDE MAY BE FORMED ON BURNING IN AIR.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES INCLUDING INTERNAL COMBUSTION ENGINES AND POWER TOOLS. VENTILATE AREA. AVOID BREATHING VAPORS. USE SCBA OR SUPPLIED-AIR MASK FOR LARGE SPILLS IN CONFINED AREAS. CONTAIN SPILL IF POSSIBLE. REMOVE WITH INERT ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== 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 Precautions:DANGER! EXTREMELY FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED. MAY BE FATAL IF INHALED; MAY CAUSE IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. KEEP AWAY FROM HEAT, SPARKS AND FLAMES. AVOID BREATHING VAPORS. FOR USE AS MOTOR FUEL.

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

Respiratory Protection:SCBA OR SUPPLIED AIR RESPIRATORY PROTECTION

REQUIRED FOR ENTRY INTO TANKS, VESSELS, OR OTHER CONFINED SPACES

CONTAINING GASOLINE.

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, COVERALLS OR LAB COATS SHOULD BE WORN.

Work Hygienic Practices:LAUNDER OR DRY CLEAN WHEN SOILED.

Supplemental Safety and Health

WARNING STATEMENT: DANGER! EXTREMELY FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED.

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

HCC:F1

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

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:N.A.

Vapor Pres:>-350 MMHG

Vapor Density:3 - 4.0

Spec Gravity:0.7 - .78

pH:N.A.

Evaporation Rate & Reference:N.D.

Solubility in Water:SLIGHT

Appearance and Odor:LIGHT STRAW TO LIGHT RED LIQUID

Percent Volatiles by Volume:100 %

Corrosion Rate:N.A.

===== Stabili

ty 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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