

=====MSDS=====

Safety Information

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FSC: 9130 NIIN: 00-148-7104 MSDS Date: 04/09/1987 MSDS Num: BPBRW

Submitter: D DG Tech Review: 06/25/1999 Status CD: C

Product ID: 00351 UNLEADED REGULAR GASOLINE MFN: 01
Article: N Kit Part: N

Responsible Party Cage: 38431
Name: TEXACO INC.

Box: 509
City: BEACON State: NY Zip: 12508-0509

Country: US
Info Phone Number: 914-831-3400 EXT 204
Emergency Phone Number: 914-831-3400 EXT 204

Preparer's Name: R. T. RICHARDS

Proprietary Ind: N Review Ind: Y
Published: Y Special Project CD: N

=====Contractor=====

Summary

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Cage:38431 Name:DIGITAL CONTROL SYSTEMS INC
Address:3160 GRAND MARAIS E
City:WINDSOR, N8W 4W5 State:ON Zip:00000
Country:CN Phone:NONE

Cage:7B131 Name:TEXACO INC
Address:UNKNOWN Box:509
City:BEACON State:NY Zip:12508-0509
Country:US Phone:914-831-3400

=====Item=====

Description Information

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Item Manager:
Item Name: GASOLINE,AUTOMOTIVE
Specification Number: VV-V-00169A Type/Grade/Class: CL A,B,C,D,E;GR PREM
Unit of Issue: GL Quantitative Expression:
UI Container Qty: X Type of Container: BULK

=====Ingredients=====

Ingredients

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Cas: 71-43-2 Code: M RTECS #: CY1400000 Code: M

Name: BENZENE (SARA III)

% Text: 1-3.99 Environmental Wt:

Other REC Limits: NONE SPECIFIED

OSHA PEL: 1PPM/5STEL;1910.1028	Code: M	OSHA STEL:	Code:
ACGIH TLV: 10 PPM; A2; 9192	Code: M	ACGIH N/P STEL:	Code:
EPA Rpt Qty: 10 LBS		DOT Rpt Qty: 10 LBS	
Ozone Depleting Chemical: N			

Cas: 108-88-3	Code: M	RTECS #: XS5250000	Code: M
Name: TOLUENE (SARA III)			
% Text: 4-10.99		Environmental Wt:	
Other REC Limits: NONE SPECIFIED			
OSHA PEL: 200 PPM/150 STEL	Code: M	OSHA STEL:	Code:
ACGIH TLV: 50 PPM; 9293	Code: M	ACGIH N/P STEL:	Code:
EPA Rpt Qty: 1000 LBS		DOT Rpt Qty: 1000 LBS	
Ozone Depleting Chemical: N			

Cas: 100-41-4	Code: M	RTECS #: DA0700000	Code: M
Name: ETHYL BENZENE (SARA III)			
% Text: 1-3.99		Environmental Wt:	
Other REC Limits: NONE SPECIFIED			
OSHA PEL: 100 PPM/125 STEL	Code: M	OSHA STEL:	Code:
ACGIH TLV: 100 PPM/125STEL 9192	Code: M	ACGIH N/P STEL:	Code:
EPA Rpt Qty: 1000 LBS		DOT Rpt Qty: 1000 LBS	
Ozone Depleting Chemical: N			

Cas: 1330-20-7	Code: M	RTECS #: ZE2100000	Code: M
Name: XYLENES (O-,M-,P- ISOMERS) (SARA III)			
% Text: 4-10.99		Environmental Wt:	
Other REC Limits: NONE SPECIFIED			
OSHA PEL: 100 PPM/150 STEL	Code: M	OSHA STEL:	Code:
ACGIH TLV: 100 PPM/150STEL;9192	Code: M	ACGIH N/P STEL:	Code:
EPA Rpt Qty: 1000 LBS		DOT Rpt Qty: 1000 LBS	
Ozone Depleting Chemical: N			

Cas: 95-63-6	Code: M	RTECS #: DC3325000	Code: M
Name: 1,2,4-TRIMETHYLBENZENE (SARA III)			
% Text: 1-3.99		Environmental Wt:	
Other REC Limits: NONE SPECIFIED			
OSHA PEL: 25 PPM	Code: M	OSHA STEL:	Code:
ACGIH TLV: 25 PPM; 9192	Code: M	ACGIH N/P STEL:	Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical: N

Cas: 1634-04-4

Code: M

RTECS #: KN5250000

Code: M

Name: METHYL TERT-BUTYL ETHER (SARA III)

% Text: 0-10

Environmental Wt:

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

Code: M

OSHA STEL:

Code:

ACGIH TLV: NOT ESTABLISHED

Code: M

ACGIH N/P STEL:

Code:

EPA Rpt Qty: 1 LB

DOT Rpt 1 LB Qty:

Ozone Depleting Chemical: N

Health

Hazards Data

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LD50 LC50 MixtureORAL LD50 (RAT) = 18.75 ML/KG

Route Of Entry Inds – Inhalation:YES

Skin:YES

Ingestion:NO

Carcinogenicity Inds – 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 LABORATORY 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.

Signs And Symptons 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

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)

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.

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.

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.

Explosion Hazard Information

Fire and

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Flash Point Method: COC

Flash Point:

Flash Point Text: -40F, -40C

Autoignition Temp:

Autoignition Temp Text: N/A

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.

Control Measures

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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

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HCC: F1

NRC/State LIC No: N/R

Net Prop WT For Ammo:

Boiling Point:

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

Volatile Org Content %:

Spec Gravity: 0.7 – .78

VOC Pounds/Gallon:

PH: N.A.

VOC Grams/Liter:

Viscosity: N/P

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.

Data

Reactivity

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Stability Indicator: YES

Stability Condition To Avoid: HEAT, SPARKS, FLAME AND OTHER SOURCES OF IGNITION.

Materials To Avoid: STRONG OXIDIZERS

Hazardous Decomposition Products: TOXIC LEVELS OF CARBON MONOXIDE, CARBON DIOXIDE, IRRITATING ALDEHYDES AND KETONES.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization NONE. WILL NOT OCCUR.

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Toxicological Information

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Toxicological Information:N/P

Ecological Information

Ecological

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Ecological: N/P

Transport Information

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Transport Information:N/P

Regulatory Information

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Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

=====	Other
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Other Information: N/P

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