

TEXACO REFINING AND MARKETING INC -- 00365 TEXACO UNLEADED -- 9130-00-148-7104

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

Product ID:00365 TEXACO UNLEADED

MSDS Date:12/15/1992

FSC:9130

NIIN:00-148-7104

MSDS Number: BSCSW

=== Responsible Party ===

Company Name:TEXACO REFINING AND MARKETING INC

Address:1111 RUSK ST

City:HOUSTON

State:TX

ZIP:77002-3310

Country:US

Info Phone Num:512-459-6543

Emergency Phone

Num:914-831-3400 800-424-9300(CHEMTREC)

Preparer's Name:MANAGER,PRODUCT SERVICES

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: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 P

PM/500STEL;9293

Ingred Name:HYDROCARBON GAS CONTAINED IN INGREDIENT #1

RTECS #:MW3860000

Other REC Limits:NONE RECOMMENDED

Ingred Name:OLEFINS

Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: .2-3.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1PPM/5STEL;1910.1028

ACGIH TLV:10 PPM; A2; 9293

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:METHYL TERT-BUTYL ETHER (SARA III)

CAS:1634-04-4

RTECS #:KN5250000

Fraction by Wt: 0-15%

Othe

r REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:LD50 ORAL RAT(EST)=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:EYES:IRRITANT.SKIN:THIS MATERIEL IS

ABSORBED BY THE SKIN(HAZARD LEVEL HAS NOT BEEN

DETERMINED);IRRITANT.INHAL:IRRITATES NOSE AND THROAT.MAY CAUSE

ASPHYXIATION IN

ENCLOSED SPACES.INGEST:MAY CAUSE LUNG DAMAGE IF

VOMITTED AFTER SWALLOWING.CHRONIC:BENZENE CAUSES LEUKEMIA IN

HUMANS.

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:EYES:REDNESS.SKIN:REDNESS,SWELLING.INHAL:

HEADACHE,NAUSEA,VOMITING,DIZZINESS,DROWSINESS,EUPHORIA,LOSS OF

COORDINATION,DISORIENTATION.

Medical Cond Aggravated by Exposure:REPEATED SKIN CONTACT MAY AGGRIVATE

EXIST

ING DERMATITIS.

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

First Aid:EYES:FLUSH WITH WATER FOR 15 MINUTES WHILE LIFTING LIDS.CALL PHYSICIAN.SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.CALL PHYSICIAN IF IRRITATION PERSISTS.INGEST:DO NOT INDUCE VOMITING WI THOUT ADVICE OF A PHYSICIAN.GET PROMPT QUALIFIED MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED.GET PROMPT MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:=-40.C, -40.F
Autoignition Temp:=454.4C, 850.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 CAN BE USED TO COOL FIRE EXPOSED CONTAINERS.USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND TRAVEL ALONG THE GROUND,POSING A FLASHBACK HAZARD(FLOWING GASOLINE GENERATES STATIC ELECRICITY).

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.VENTILATE AREA.AVOID BREATHING VAPORS;STAY UPWIND;USE A SCBA.REMOVE WITH A NON- FLAMMABLE ADSORBANT(EG.DIATOMACEOUS EARTH);PUT IN AN APPROPRIATE CONTAINER FOR DISPOSAL.KE EP OUT OF WATERWAYS.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:TRANSPORT,HANDLE AND STORE PER OSHA 1910.106.GROUND AND BOND SHIPPING CONTAINERS.USE SPARK-PRROF TOOLS.
Other Precautions:USE CAUTION WHEN OPENING CONTAINERS WHICH MAY BE UNDER PRESSURE.

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

Respiratory Protection:IN THE ABSENCE OF ENVIROMENTAL CONTROLS A NIOSH ORGANIC VAPOR RESPIRATOR MAY BE USED;IN ENCLOSED SPACES A SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED.

Ventila

tion:ENVIRONMENTAL CONTROLS TO MAINTAIN TLV BELOW 500PPM.

Protective Gloves:NITRILE,TEFLON,VITON.

Eye Protection:GOGGLES/FACE SHIELD.

Other Protective Equipment:CLOTHING TO PREVENT SKIN CONTACT.

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:F1

NRC/State Lic Num:NONE

Boiling Pt:>32.2

C, 90.F

Vapor Pres:465-775

Vapor Density:3-4

Spec Gravity:.7-.77

Solubility in Water:SLIGHT

Appearance and Odor:LIQUID;LIGHT STRAW TO LIGHT RED;GASOLINE-LIKE ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:HEAT,SPARKS ...OTHER SOURCES OF IGNITION.

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

===== Disposal Considerations =====

Waste Disposal Methods:THIS MATERIEL IS CONSIDERED TO BE HAZARDOUS PER RCRA,WITH REGARD TO BENZENE TOXICITY AND IGNITABILITY.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liabili

ty for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.