

TEXACO REFINING AND MARKETING INC -- UNLEADED,00365 -- 9130-00-148-7103

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

Product ID:UNLEADED,00365

MSDS Date:12/15/1992

FSC:9130

NIIN:00-148-7103

MSDS Number: BRFLN

=== 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:713-650-5206/512-459-6543

Emergency Phone Num:914-831-3400//800-424-9300(CHEMTRE)

CAGE:2R503

=== Contractor

Identification ===

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 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 (INCLUDES INGREDIENTS 2, 3, 4 ....)

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:BENZENE (SARA III), 1-3.99%  
CAS:71-43-2  
RTECS #:CY1400000  
Fraction by Wt: SEE # 1%  
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:TOLUENE (SARA III), 4-10.99  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: SEE # 1%  
Other REC Limits:NONE RECOMMENDED  
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), 1-3.99  
CAS:100-41-4  
RTECS #:DA0700000  
Fraction by Wt: SEE # 1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM/125 STEL  
ACGIH TLV:100 PPM/125STEL 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III), 4-10.99  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: SEE # 1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9293  
EPA Rpt Qty:1000 LBS  
DOT R

pt Qty:1000 LBS

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA III), 1-3.99

CAS:95-63-6

RTECS #:DC3325000

Fraction by Wt: SEE # 1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM; 9293

Ingred Name:METHYL TERT-BUTYL ETHER (SARA III), 0-15%

CAS:1634-04-4

RTECS #:KN5250000

Fraction by Wt: SEE # 1%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS > 5,000 MG /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- INHALATION OF VAPORS MAY CAUSE CNS DEPRESSION, CONVULSION, LOSS OF CONSCIOUSNESS. INGESTION HAS SYMPTOMS SIMILAR TO INHALATION & ASPIRATION HAZARD. EYE/SKIN CONTACT CAUSES IRRITATION. CHRONIC- DERMATITIS, NERVOUS SYSTEM, KIDNEY, LIVER & BLOOD DISORDERS INCLUDING ANEMIA & LEUKEMIA. KIDNEY CANCER IN LAB ANIMALS.

Explanat

ion of Carcinogenicity:CONTAINS BENZENE. MAY CAUSE BLOOD DISEASES INCLUDING LEUKEMIA. VAPORS MAY CAUSE KIDNEY CANCER IN MALE RATS.

Effects of Overexposure:HEADACHE, NASAL & RESPIRATORY IRRITATION, NAUSEA, DROWSINESS, FATIGUE, EYE & SKIN IRRITATION, PULMONARY EDEMA, CONVULSION & LOSS OF CONSCIOUSNESS

Medical Cond Aggravated by Exposure:BENZENE- INDIVIDUALS WITH LIVER, KIDNEY AND BLOOD DISEASES. HEXANE- INDIVIDUALS WITH NEUROLOGICAL DISEASES. PETROLEUM SOLVENT- THOSE WITH E

XISTING DERMATITIS.

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

First Aid:CALL A PHYSICIAN IN ALL CASES. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR & PROVIDE CPR/OXYGEN IF NECESSARY. ORAL: DO NOT INDUCE VOMITING UNLESS INSTRUCTED BY A PHYSICIAN. CALL A PHYSICIAN IMMEDIATELY. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS.

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

Flash Point Method:COC

Flash Point:-40F,-40C

Autoignition Temp:Autoignition Temp Text:850F

Lower Limits:1.4

Upper Limits:7.6

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL AND VAPORIZING LIQUID TYPE EXTINGUISHERS. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT & A FULL FACED SELF CONTAINED BREATHING APPARATUS/SUPPLIED-AIR RESPIRATOR.COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/E

xplosion Hazard:THE INVISIBLE VAPORS ARE HEAVIER THAN AIR AND TRAVEL SOME DISTANCE TO IGNITION SOURCES & FLASH BACK. CAN FORM FLAMMABLE MIXTURE WITH AIR & FLASH AT ROOM TEMP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS.ELIMINATE ALL SOURCES OF IGNITION.USE EXPLOSION-PROOF TOOLS.SHUT OFF FUEL SOURCE.DIKE SPILL.PREVENT LIQUID FROM ENTERING SEWERS/WATERWAYS.RECOVER FREE LIQUID.ADD SAND,EARTH OR OTHER ABSORBENT MATERIAL.TRANSFER TOCONTAINER.

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

Handling and Storage Precautions:STORE IN ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION REGULATIONS. KEEP CONTAINERS CLOSED.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. THEY MAY EXPLODE AND CAUSE INJURY/DEATH. AVOID REP EATED OR PROLONGED

CONTACT WITH SKIN.

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

Respiratory Protection:NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR ORGANIC VAPOR RESPIRATOR OR SUPPLIED-AIR RESPIRATOR, IF NEEDED.

Ventilation:LOCAL/MECHANICAL (GENERAL) VENTILATION - EXPLOSION PROOF, WELL GROUNDED EQUIPMENTS

Protective Gloves:RUBBER RECOMMENDED

Eye Protection:CHEMICAL SPLASH GOGGLES & FACE SHIELD

Other Protective Equipment:IMPERVIOUS CLOTHING TO AVOID SKIN AND EYE

CONTACT. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES, SKIN OR CLOTHING. WASH HANDS AFTER USING PRODUCT. AVOID BREATHING VAPORS OR MISTS.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A OR B UNDER THE SAME NSN.

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

HCC:F2

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

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

Vapor Pres:465 @ 100F

Vapor Density:3 - 4

Spec Gravity:0.70

- 0.77

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:SLIGHT

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

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:FUMES, CARBON MONOXIDE, CARBON DIOXIDE AND OTHER DECOMP

## OSITION PRODUCTS

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

Waste Disposal Methods:RECYCLE AS MUCH AS POSSIBLE. TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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 liability 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.