

TEXACO INC -- UNLEADED PLUS,00375 -- 9130-00-148-7103

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

Product ID:UNLEADED PLUS,00375

MSDS Date:10/24/1990

FSC:9130

NIIN:00-148-7103

MSDS Number: BRFLQ

=== Responsible Party ===

Company Name:TEXACO INC

Box:509

City:BEACON

State:NY

ZIP:12508-0509

Country:US

Info Phone Num:914-831-3400 X 204

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

Preparer's Name:M. J. VON ALLMEN

CAGE:7B131

=== Contractor Identification ===

Compa

ny 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:GASOLINE (INCLUDES INGREDIENTS 3, 4, 5 ....)

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:ALIPHATIC PETROLEUM SOLVENT/KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: .01-.09%

Other REC Limits:NONE RECOMMENDED

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:NO

NE 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 PE

L:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingrid 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

Ingrid 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 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- 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.  
Explanation 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- I

INDIVIDUALS WITH NEUROLOGICAL  
DISEASES. PETROLEUM SOLVENT- THOSE WITH EXISTING 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/Explosion 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 E

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 FORMULATION, SEE PNI A UNDER THE SAME  
NSN.

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

HCC:F2  
Boiling Pt:B.P. Text:>90F,>32C  
Melt/Freeze Pt:M.P/F.P Text:NO  
T 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 DECOMPOSITION 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.

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