

EXXON CO USA, A DIV OF EXXON CORP. -- PC:113000-00039 AVIATION GASOLINE 100 LL --  
9130-00-179-1122

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

Product ID:PC:113000-00039 AVIATION GASOLINE 100 LL

MSDS Date:12/03/1991

FSC:9130

NIIN:00-179-1122

MSDS Number: CFMPQ

=== Responsible Party ===

Company Name:EXXON CO USA, A DIV OF EXXON CORP.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:

US

Info Phone Num:713-656-2443/713-656-5949

Emergency Phone Num:713-656-3424

CAGE:29700

=== Contractor Identification ===

Company Name:EXXON COMPANY U.S.A.

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949 / 713-656-3424

CAGE:29700

===== Composition/Information on Ingredients =====

Ingred Name:PRODUCT VARIABLE COMPLEX MIXTURE FO COMPONENTS PRINCIPALLY  
HYDROCARBONS,BLENDED TO PERFORMANCE RATHER THAN CHEM SPECS.

RTECS #:9999999ZZ

Fraction by Wt: 10

0%

Other REC Limits:NONE RECOMMENDED

Ingred Name:HEXANE (N-HEXANE) (CERCLA)

CAS:110-54-3

RTECS #:MN9275000

Fraction by Wt: 1-3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:50 PPM; 9596

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 5-50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

313) (CERCLA)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 5-50%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM/150STEL;9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ADDITIVES, ORGANIC LEAD ALKYL ADDITIVES  
Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENE (SARA 313) (CERCLA)  
CAS:71-43-2  
RTECS #:CY1400000  
Fraction by Wt: 4.9%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1028  
ACGIH TLV:10 PPM; A2; 9596  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:LEAD (SARA 313) (CERCLA)  
CAS:7439-92-1  
RTECS #:OF7525000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1025  
ACGIH TLV:0.05MG/M3, A3; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:ORAL RAT LD50 >5G/KG OF BODY WT.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:EYE IRRIT.ANEMIA,OTHER BLOOD  
DISEASES(LEUK

EMIA),FETAL DEFECTS IN TEST LAB ANIMALS.NERVOUS SYS @  
HIGH CONC OF HEXANE.MINUTE AMTS ASPIRATED INTO LUNGS FRM  
INGEST/VOMIT CAUSE MILD-SEVERE PULM INJURY,POSS IBLY DEATH.INHAL  
EXHU FRM BURNING MAY CAAUSE DEATH @HI CONC.  
Explanation of Carcinogenicity:PER MSDS:CONTAINS BENZENE (4.9 WT %).  
Effects of Overexposure:HI VAP CONC IRRIT EYE/RESP  
TRACT,HEAD,DIZZ,ANESTHESIA,DROWS,UNCONSC,CNS  
EFFECTS,DEATH.DRY/DEFAT SKIN-IRRIT,DERM.  
Medical Cond Aggravated by Exposure:BENZENE:PERSON W/L  
IV DISEASE MAY BE  
MORE SUSCEPT TO TOXIC EFFECTS.PETRO SOLVT/PETRO HYDROCARBONS:SKIN  
CONTACT MAY AGGRAVATE EXISTING DERM.PB:KIDNEY,NEUROLOGICAL,BLOOD  
DISEASE,PREGN,GOUT.HEXANE:NEUROLO

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

First Aid:EYE:FLUSH W/CLEAR H2O FOR 15MINS/TIL IRRIT SUBSIDES.IRRIT  
PERSIST CALL DR.SKIN:REMOVE CONTAM CLOTH.WASH SKIN W/SOAP/H2O.PROD  
INJECTED INTO/UNDER SKIN/PART OF BODY INDIVIDUAL SHOULD BE  
EVALUATED IMMED BY DR AS SU  
RGICAL EMERG.INTIAL SYMPT FRM HI  
PRESSURE INJECTION MIN/ABSENT EARLY SURGICAL TREAT RED ULTIMATE  
INJURY EXTENT.INHAL:REMOVE FROM EXPO.CALL DR IMMED.BREATH  
IRREG/STOP START RESUSC,ADMIN(SUP)

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

Flash Point Method:TCC  
Flash Point:-50F,-46C  
Autoignition Temp:Autoignition Temp Text:824F  
Lower Limits:1.4  
Upper Limits:7.6  
Extinguishing Media:OFAM,H2OSPRAY(FOG),DRY CHEM,CO,VAPO LIQ TYP EXT  
AGNETS DEPENDING ON SIZE/POT S  
IZE OF FIRE/CIRCUMST RELATED TO  
SITUATION.  
Fire Fighting Procedures:PLAN FIR EPROT/RESP W/LOC FIRE PROT  
AUTHORITIES/APPROP SPEC.FOLLOWING NFPA PROCEDURES.H2O MAY BE  
INEFFECTIVE-USE TO COLL FIRE-EXPO CNTNR.LEAK/SPILL IGN USE(SUP)  
Unusual Fire/Explosion Hazard:EXTREMELY FLAMM.VAP TRAVEL/EXPLO.LIQ  
VOLATILE,GIVES OFF INVISIBLE VAP.EITHER LIQ/VAP MAY SETTLE IN LOW  
AREAS,TRAVEL SOME DISTANCE ALONG GROUND/SURF TO IGN SOURC

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

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Spill Release Procedures:SHUT OFF/REMOVE IGN SOURCES.KEEP PEOPLE AWAY.RECOVER FREE PROD.ADD SAND,EARTH,OTHER SUIT ABSORB TO SPILL.MIN BREATH VAP/SKIN CONTACT.VENTI CONF SPACES;OPN WINDOWS/DRS.KEEP OUT OF SEWER/H2OCOURSE/EXT L AND AREAS.ASSURE CONFORMITY W/APPLI GOVT REGS(SUP)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CNTNR CLSD WHEN NOT IN USE.DONT ST  
ORE NEAR HEAT/ETC.TKS IN PB GAS SERV MAY HAVE PB RESIDUE;SEE AMER PETRO INST 2013,2015,2015A.GROUND PROD TRANF.  
Other Precautions:USE APPROP EQPMT.SEE NFPA701.DONT SIPHON BY MOUTH.EMPTY CNTR RETAIN RESIDUE(LIQ/VAP)-DANGEROUS.DONT PRESS/CUT/WELD/BRAZE/ETC EXPO TO HEAT/FLAME/OTHER IGN SOURCES-EXPLO,CAUSE INJURY/DEATH.REF OSHA/ANSI Z49.1/GOVT/INDUST REF TO CLEAN,ETC T

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

Respiratory Protection:USE SUPPLIED-AIR R  
ESPIRATORY PROTECTION IN  
CONFINED OR ENCLOSED SPACES IF NEEDED.  
Ventilation:USE ONLY W/VENTI SUFF TO PREVENT EXCEED EXPO LIMITS/BUILDUP  
EXPLO CONC OF VAP IN AIR.NO SMOKING,FLAME,IGN SOURCES.  
Protective Gloves:CHEM-RESIST GLOVES IF NEEDED  
Eye Protection:SPLASH GOGG,FACE SHIELD  
Other Protective Equipment:CHEM-RESIST APRON/OTHER IMPERV CLOTH IF  
NEEDED-AVOID CONTA REG CLOTH RESULTING IN PROL/REP SKIN CONTACT.  
Work Hygienic Practices:LAUNDER/DRYCLEAN CONTAM CLOTH BEF REUSE.MIN  
VAP/MIS  
T BREATH.AVOID PROL/REP SKIN CONTACT.CLEAN SKIN WELL AFT  
CONTACT.  
Supplemental Safety and Health  
1ST AID:OXY.INGEST:DONT INDUCE VOMIT.CALL DR IMMED. FIREFIGHT:H2OSPRAY  
TO DIP SERSE VAP/PROT MEN STOP LEAK/FLUSH SPILL AWAY FRM EXPO.MIN  
GAS/VAP/FUME/DECOMPO PROD BREATH.USE SUPP-AIR BREATH EQPMT FOR EN  
CLSD/CONF AREAS/AS NEEDED. SPILL:RQ BENZENE-10LBS(4.54KG).

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

HCC:F2  
Boiling Pt:B.P. Text:158F,70C  
Melt/Freeze Pt:M.P

/F.P Text:-72F,-58C

Vapor Pres:5.5-7.0PSI

Vapor Density:APPROX 4

Spec Gravity:0.71

pH:NEUTRA

Viscosity:0.6CST @25C

Evaporation Rate & Reference:10-11,BUTYL ACETATE=1

Solubility in Water:NEGLIGIBLE,