

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: 100%

Other REC Limits:NONE RECOMMENDED

Ingred Name:HEXANE (N-HEXA

NE) (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
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 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(LEUKEMIA),FETAL DEFECTS IN TEST LAB ANIMALS.NERVOUS SYS @
HIGH C

ONC 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/LIV 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 SURGICAL EMERG.INTIAL SYMPT FRM HI
PRESSURE INJECTION MIN/ABSE

NT 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 SIZE OF FIRE/CIRCUMST RELATED TO
SITUATION.

Fire Fighting Pro

cedures: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 =====

Spill Release Procedures:SHUT OFF/REMOVE IGN SOURCES.K
EEP 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
STORE NEAR HEAT/ETC.TKS IN PB GAS SERV MAY HAVE PB RESIDUE;SEE AME
R
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 RESPIRATORY PROTECTION IN
CONFINED OR ENCLOSED SPACES IF NEED
ED.
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/MIST BREATH.AVOID PROL/REP SKIN CONTACT.CLEAN SKIN WELL AFT
CO

NTACT.

Supplemental Safety and Health

1ST AID: OXY. INGEST: DONT INDUCE VOMIT. CALL DR IMMED. FIREFIGHT: H₂O SPRAY
TO DISPERSE VAP/PROT MEN STOP LEAK/FLUSH SPILL AWAY FRM EXPO. MIN
GAS/VAP/FUME/DECOMPO PROD BREATH. USE SUPP-AIR BREATH EQPMT FOR EN
CLOSED/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: 5.5-7.0 PSI

Vapor Density: APPROX 4

Spec Gravity: 0.71

pH: NEUTRA

Viscosity: 0.6 CST @ 25C

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

Solubility in Water: NEGLIGIBLE,