

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:H2O SPRAY
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,