

EXXON CO USA, A DIV OF EXXON CORP. -- EXXON SUPREME GASOINE -- 9130-00-148-7104

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

Product ID:EXXON SUPREME GASOINE

MSDS Date:08/01/1991

FSC:9130

NIIN:00-148-7104

MSDS Number: BLXFR

=== 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:713-656-5949 OR 201-945-9400

Emergency Phone Num:713-870-6000 OR 713-656-3424/2443

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AGE: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:NAPHTHA, LIGHT CATALYTIC CRACKED

CAS:64741-55-5

Other REC Limits:NONE SPECIFIED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

Ingred Name:NAPHTHA,HEAVY CATALITIC CRACKED

CAS:64741-54-4

Other REC Limits:NONE SPECIFIED

OSHA PEL:NOT

ESTABLISHED.
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:NAPHTHA,FULL RANGE REFORMAT
CAS:68919-37-9
Other REC Limits:NONE SPECIFIED
OSHA PEL:NOT ESTABLISHED.
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:NAPHTHA,FULL RANGE ALKALATE
CAS:64741-64-6
Other REC Limits:NONE SPECIFIED
OSHA PEL:NOT ESTABLISHED.
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:NAPHTHA,SWEETENED
CAS:64741-87-3
Other REC Limits:NONE SPECIFIED
OSHA PEL:NOT ESTABLISHED.
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:BUTANE
CAS:106-97-8
RTECS #:EJ42
00000
Other REC Limits:NONE SPECIFIED
OSHA PEL:800 PPM
ACGIH TLV:800 PPM; 9192

Ingred Name:PROPRIETARY ADDITIVES
Other REC Limits:NONE SPECIFIED

Ingred Name:MFR LISTED THE FOLLOWING CONSTITUENTS AS PART OF THE ABOVE
MIXTURES MAKING UP THE BLEND. %'S MAY VARRY & ARE MAXIMUMS.
RTECS #:9999999ZZ

Ingred Name:BENZENE (SARA III)
CAS:71-43-2
RTECS #:CY1400000
Fraction by Wt: 4.9% MAX
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1PPM/5STEL;1910.1028
ACGIH TLV:10 PPM; A2; 9192
EPA Rpt Qty:10 LBS
DO

T Rpt Qty:10 LBS

Ingred Name:CUMENE (SARA III)
CAS:98-82-8
RTECS #:GR8575000
Fraction by Wt: 0.3% MAX
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 50 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:CYCLOHEXANE (SARA III)
CAS:110-82-7
RTECS #:GU6300000
Fraction by Wt: 0.5% MAX
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM, 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYLBENZENE
CAS:100-41-4
RTECS #:DA0700000
Fraction
by Wt: 2.5% MAX
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL TERT-BUTYL ETHER (SARA III)
CAS:1634-04-4
RTECS #:KN5250000
Fraction by Wt: 6.0% MAX
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:NAPHTHALENE (SARA III)
CAS:91-20-3
RTECS #:QJ0525000
Fraction by Wt: 0.7% MAX
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM/15 STEL
ACGIH TLV:10 PPM/15 STEL; 9192
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name

:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 16% MAX
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:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 10% MAX
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== Hazards Identification =====
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS >5000 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:HEALTH STUDIES HAVE SHOWN POTENTIAL
RISKS THAT VARY FROM INDIVIDUAL TO INDIVIDUAL. EXPOSURES SHOULD
THUS BE MINIMIZED. LIQUID CONTACT WILL IRRITATE EYES AND DRY &
DEFAT THE SKIN. HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE
EYES AND RESPIRATORY SYSTEMS.

Explanation of Carcinogenicity:CONTAINS UP TO 4.9% BENZENE.MAY CAUSE
BLOOD DISEASES INCLUDING LEUKEMIA.VAPORS MAY CAUSE KIDNEY CANCER IN
MALE RATS.

Effects of Overexposure:HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE
EYES & THE RESPIRATORY TRACT. MAY CAUSE DIZZINESS, HEADACHE, ARE
ANESTHETIC, MAY CAUSE UNCONSCIOUSNESS & EVEN DEATH.
PROLONGED/REPEATED LIQUID CONTACT WILL DRY & DEFAT SKIN, LEADING
TO IRRITATION & DERMATITIS. ASPIRATION OF LIQUID INTO LUNGS MAY
CAUSE PULMONARY INJURY

Y.

Medical Cond Aggravated by Exposure:PEOPLE WITH LIVER DISEASE,
NEUROLOGICAL DISEASE, OR DERMATITIS MAY BE AT INCREASED RISK.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, OR UNTIL IRRITATION SUBSIDES.
SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND
LAUNDER BEFORE REUSE. IF INJECTED UNDER SKIN BY HIGH PRESSURE; GET
IMMEDIATE MEDIA LS ATTENTION. INHALED:REMOVE TO FRESH AIR. RESTORE
BREATHING OR GIVE O
XYGEN AS NEEDED. INGESTED:DO NOT INDUCE VOMITING
AND GET IMMEDIATE MEDICAL CARE. IN ALL CASES SEEK MEDICAL CARE.

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

Flash Point:-36F,-38C
Autoignition Temp:Autoignition Temp Text:853F
Lower Limits:1.4
Upper Limits:7.6
Extinguishing Media:USE WATER FOG, 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. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY
TRAVEL ALONG GROUND OR FLOOR, THEN 'FLASH BACK' FROM A DISTANT
IGNITION SOURCE. KEEP PRODUCT AWAY FROM INGITION SOURCES.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. EVACUATE
AREA. RECOVER FREE PRODUCT. ADD ABSORBENT TO SPILL AREA.
MINIMIZE
SKIN CONTACT. VENTILATE AREA. PREVENT LIQUID FROM ENTERING
SEWERS/WATERWAYS BY DIKING & I MPOUNDING.

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

Handling and Storage Precautions:STORE IN ACCORDANCE WITH NFPA
REGULATIONS. KEEP CONTAINERS CLOSED. DO NOT STORE NEAR
HEAT,FLAME,SPARKS,OR STRONG OXIDANTS. ADEQUATE VENTILATION REQ'D.
Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR.
TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NO

T CUT,WELD,ETC. ON
THEM. GROUND CONTAINERS PER NFPA WHEN TRANSFERRING PRODUCT.

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

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN
CONFINED OR ENCLOSED SPACES, IF NEEDED.
Ventilation:USE ONLY WITH VENTILATION SUFFICIENT TO PREVENT EXCEEDING
RECOMMENDED EXPOSURE LIMIT OR LOWER EXPLOSIVE LIMIT.
Protective Gloves:CHEMICAL RESISTANT
Eye Protection:SPLASH GOGGLES OR FACE SHIELD
Other Protective Equipment:
CHEM RESISTANT APRON OR IMPERVIOUS CLOTHING
TO AVOID PROLONGED /REPEATED CONTACT. HMIS:EYE WASH STATION &
SAFETY SHOWER.
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID
UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.
Supplemental Safety and Health
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE P/N A UNDER THE SAME
NSN.

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

HCC:F2
NRC/State Lic Num:NONE
Boiling Pt:B.P. Text:70.0F,2
1.1C
Vapor Pres:5-15 PSI
Vapor Density:APPROX. 5
Spec Gravity:0.74
pH:NEUTRL
Viscosity:0.5 CST @ 25C
Evaporation Rate & Reference:10-11 (N-BUTYL ACETATE=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR, COLORED LIQUID (TYPICALLY RED) - GASOLINE
HYDROCARBON ODOR
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN,

SODIUM OR CALCIUM HYPOCHLORITE

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

Hazardous Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE, CARBON
DIOXIDE, ALDEHYDE AND OTHER DECOMPOSITION PRODUCTS

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:ADVISE AUTHORITIES IF PRODUCT HAS OR MAY ENTER
SEWERS, WATERWAYS OR EXTENSIVE LAND AREAS. ASSURE COMPL
IANCE WITH
ALL GOVERNMENTAL REGULATIONS.

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