

EXXON CHEMICAL AMERICAS, DIV OF EXXON CHEMICAL CO -- GASOLINE, UNLEADED (ALL GRADES) -- 9130-01-208-4172

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

Product ID:GASOLINE, UNLEADED (ALL GRADES)

MSDS Date:12/02/1991

FSC:9130

NIIN:01-208-4172

MSDS Number: BQNHZ

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS, DIV OF EXXON CHEMICAL CO

Address:800 BELL STREET

Box:3272

City:HOUSTON

State:TX

ZIP:77

001

Country:US

Info Phone Num:713-870-6885 (HEALTH/SAFETY)

Emergency Phone Num:713-870-6000

CAGE:72190

=== 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

Company Name:EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP.

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Phone:281-870-6000 / 800-726-2015

CAGE:72190

===== Composition/Information o

n Ingredients =====

Ingred Name:NAPHTHA (PETROLEUM), LIGHT CATALYTIC CRACKED

CAS:64741-55-5

Other REC Limits:NONE RECOMMENDED

Ingred Name:NAPHTHA (PETROLEUM), HEAVY CATALYTIC CRACKED

CAS:64741-54-4

Other REC Limits:NONE RECOMMENDED

Ingred Name:NAPHTHA, FULL RANGE REFORMED

CAS:68919-37-9

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

Ingred Name:NAPHTHA (PETROLEUM), FULL-RANGE ALKYLATE

CAS:64741-64-6

Other REC Limits:NONE RECOMMENDED

Ingred Na

me:NAPHTHA (PETROLEUM), SWEETENED

CAS:64741-87-3

Other REC Limits:NONE RECOMMENDED

Ingred Name:BUTANE

CAS:106-97-8

RTECS #:EJ4200000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:800 PPM

ACGIH TLV:800 PPM; 9293

Ingred Name:ADDITIVES

Other REC Limits:NONE RECOMMENDED

Ingred Name:EXXON LISTED THE FOLLOWING CHEMICALS FOR SARA III
REPORTING. THIS PRODUCT MAY CONTAIN THE APPROXIMATE AMOUNTS
INDICATED.

RTECS #:9999999ZZ

Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENE (SARA III)

CAS:71-

43-2

RTECS #:CY1400000

Fraction by Wt: 4.9%

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:CUMENE (SARA III)

CAS:98-82-8

RTECS #:GR8575000

Fraction by Wt: 0.3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 50 PPM; 9293

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%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM, 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA III)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 2.5%

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:METHYL TERT-BUTYL ETHER (SARA III)

CAS:1634-04-4

RTECS #:KN5250000

Fraction by Wt: 6.0%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:NAPHTHALEN

E (SARA III)
CAS:91-20-3
RTECS #:QJ0525000
Fraction by Wt: 0.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM/15 STEL
ACGIH TLV:10 PPM/15 STEL; 9293
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%
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%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150 STEL; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:INHALATION: MODERATE RISK OF VAPOR
INTOXICATION. MAJOR RISK IS ENCLOSED SPACES WITH POOR VENTIL
ATION.
SKIN: DEFATTING WITH DRYING AND CRACKING CAN LEAD TO DERMATITIS AND
SECONDARY INFECTION. EYE: IRRITANT. INGESTION: BURNING OF MOUTH
AND UPPER GI TRACT, VOMITING AND DIARRHEA. PROLONGED OR REPEATED
CONTACT: DERMATITIS.
Explanation of Carcinogenicity:CONTAINS B [71-43-2] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:INHALATION MAY CAUSE EUPHORIA, LUNG IRRITATION
AND EDEMA, HEADACHE, DIZZINESS, DROWSINESS, CONVULSIONS,

COMA,
CYANOSIS, GENERALIZED DEPRESSION. INGESTION MAY CAUSE GENERAL DEPRESSION, SEDATION, RESPIRATORY DEPRESSION, COMA.
Medical Cond Aggravated by Exposure:MAY AGGRAVATE PRE-EXISTING DERMATITIS, RESPIRATORY ILLNESS, OR OTHER CONDITIONS WHICH HAVE THE SAME SYMPTOMS OR EFFECTS AS STATED ABOVE.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. FOR RESPIRATORY DISTRESS, GIVE AIR, OXYGEN, OR CPR IF NECESSARY. INGESTION: DO NOT INDUCE VOMITING. KEEP HEAD BELOW HIPS IF VOMITING OCCURS TO PREVENT ASPIRATION INTO LUNGS. GET MEDICAL ATTENTION IF REQUIRED IN ALL CASES.

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

Flash Point Method:TCC
Flash Point:-36F,-38C
Lower Limits:1.4
Upper Limits:7.6
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WATER MAY BE INEFFECTIVE ON FLAMES, BUT SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL. LARGE FIRES, SUCH AS TANK FIRES, SHOULD BE FOUGHT WITH CAUTION.
Unusual Fire/Explosion Hazard:HIGHLY VOLATILE MATERIAL. FLOWING GASOLINE CAN BE IGNITED BY SELF-GENERATED STATIC ELECTRICITY. VAPORS MAY TRAVEL ALONG THE GROUND TO A REMOTE IGNITION SOURCE.

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

Spill Release Procedures:SMALL: TAKE UP WITH NON COMBUSTIBLE ABSORBENT SUCH AS FULLERS EARTH OR SAND. PLACE INTO CONTAINERS FOR LATER DISPOSAL. LARGE: CONTAIN SPILL IN EARTHEN DIKES FOR LATER RECOVERY. CONTROL IGNITION SOURCES AROUND SPILL AREA. REPORT SPILLS AS REQUIRED.

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

Handling and Storage Precautions:AVOID STATIC IGNITION HAZARD WHEN TRANSFERRING MATERIAL. KEEP CONTAINERS CLOSED AND AWAY FROM HEAT &

IGNITION SOURCES! DO NOT USE AS CLEANING AGENT.

Other Precautions:EMPTY CONTAINERS RETAIN SOME LIQUID/VAPOR RESIDUES;
HAZARD PRECAUTIONS MUST BE OBSERVED WHEN HANDLING EMPTIES. KEEP OUT
OF REACH OF CHILDREN! DO NOT USE ANY HYDROCARBON FUEL IN SPACES
WITHOUT ADEQUATE VENTILATION. USE ONLY AS A FUEL.

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

Respiratory Protection:A NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR,
SUPPLIED AIR, OR SELF-CONTAINED BREATHING
APPARATUS (SCBA) MUST BE
USED WHEN VAPOR CONCENTRATIONS EXCEED THE OCCUPATIONAL EXPOSURE
LIMITS.

Ventilation:USE ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATIONS OF
THIS MATERIAL BELOW THE OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:WEAR OIL IMPERVIOUS (EG: NITRILE) GLOVES

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:OIL IMPERVIOUS INDUSTRIAL WORK CLOTHING TO
MINIMIZE SKIN CONTACT. EYE BATH AND SAFETY SHOWER RECOMMENDED.

Work Hygienic P

ractices:USE GOOD PERSONAL HYGIENE. USE WATERLESS HAND
CLEANER TO WASH EXPOSED SKIN. LAUNDRY CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

THE VARIABLE COMPOSITION MAKES IT IMPOSSIBLE TO SET A SPECIFIC EXPOSURE
LIMIT FOR ALL COMPOSITIONS OF THIS MATERIAL. SPECIFIC EXPOSURE
LIMITS FOR POTENTIAL COMPONENTS SUCH AS BENZENE SHOULD BE APPLIED
BASED ON AIR MONITORING TO ASSURE EMPLOYEES ARE NOT EXPOSED TO
EXCESSIVE VAPOR LEVELS OF COMPONENTS.

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

HCC:F1

Boiling Pt:>21.1C, 70.F

Vapor Pres:400

Vapor Density:5

Spec Gravity:0.74

pH:7

Evaporation Rate & Reference:10.5(N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID WITH 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, OPEN FL

AMES AND OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products: BURNING OR EXCESSIVE HEATING MAY
PRODUCE CARBON MONOXIDE AND OTHER HARMFUL GASES/VAPORS.

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

Waste Disposal Methods: IT IS THE RESPONSIBILITY OF THE USER TO
DETERMINE IF THE MATERIAL IS A HAZARDOUS WASTE AT THE TIME OF
DISPOSAL. CHECK BEFORE DISPOSING TO BE SURE YOU ARE IN COMPLIANCE
WITH ALL APPLICABLE LAWS AND REGULATIONS. CHEMTREC/RCRA EMER.

NO.: 800-424-9346

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to th
eir
particular situation.