

CONOCO INC -- GASOHOL, SUPER GASOHOL -- 9130-01-090-1092

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

Product ID:GASOHOL, SUPER GASOHOL

MSDS Date:01/01/1990

FSC:9130

NIIN:01-090-1092

MSDS Number: BRPGJ

=== Responsible Party ===

Company Name:CONOCO INC

Box:2197

City:HOUSTON

State:TX

ZIP:77252

Country:US

Info Phone Num:713-293-5550

Emergency Phone Num:800-424-9300 TRANS 800-441-3637 MED

CAGE:5R396

=== Contrac

tor Identification ===

Company Name:CONOCO INC

Address:5 GREENWAY PLAZA E

Box:2197

City:HOUSTON

State:TX

ZIP:77252

Country:US

Phone:713-293-5550PRODUCT/ 800-4413637MED

CAGE:5R396

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

Ingred Name:GASOLINE UNLEADED

Fraction by Wt: >50%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 0.1-4.9%

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:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9293

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 12%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RT
ECS #:XS5250000
Fraction by Wt: 15%
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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:CONTAINS PETROLEUM HYDROCARBONS WHICH
MAY CAUSE IRRITATION TO THE EYES, SKIN, AND LUNGS
W/PROLONGED/REPEATED EXPO

SURE. CONTAINS ETHYL ALCOHOL, EXTREME
EXPOSURE OR ASPIRATION INTO LUNGS MAY CAUSE PNEUMONIA, DROWSINESS,
DIZZINESS, SLURRED SPEECH, FLUSHED FACE, UNCONSCIOUSNESS OR
CONVULSIONS. TOXIC TO LIVER & KIDNEYS.

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:IRRITATION TO THE EYES, SKIN, AND LUNGS AFTER
PROLONGED/REPEATED EXPOSURE. ALSO MAY CAUSE PNEUMONIA, DROWSINESS,
DIZZINESS,
SLURRED SPEECH, FLUSHED FACE, UNCONSCIOUSNESS OR
CONVULSIONS.

Medical Condition Aggravated by Exposure:PROLONGED/REPEATED SKIN CONTACT

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR. EYE:FLUSH
W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE
CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. INHALED:REMOVE TO
FRESH AIR. AID/RESTORE BREATHING IF NECESSARY. INGESTED:DO NOT
INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER TO DILUTE &
GET IMMEDIATE MEDICAL CARE. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:-50F,-46C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE, BUT MAY BE USED TO
COOL FIRE EXPOSED CONTAINERS & TO DISPERSE VAPORS OR FLUSH LIQUID
FROM ARE

AS OF IGNITION EXPOSURE.

Unusual Fire/Explosion Hazard:HIGHLY FLAMMABLE! PRODUCTS OF COMBUSTION
ARE CO, CO2 & OTHER TOXICS. DO NOT ENTER TANKS, VESSELS OR CONFINED
SPACES W/O PROTECTIVE EQUIPMENT & SCBA.

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

Spill Release Procedures:REVIEW FIRE & EXPLOSION HAZARDS. WEAR
PROTECTIVE EQUIPMENT. FLAMMABLE! CONTAIN SPILL TO AS SMALL AREA AS
POSSIBLE. RECOVER AS MUCH LIQUID AS POSSIBLE. PLACE NON-RECOVERABLE
PRODUCT

& CONTAMINATED SOIL & DEBRIS IN CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:MFR: ? HMIS:HANDLE AND STORE AS A
HIGHLY FLAMMABLE LIQUID.

Other Precautions:"EMPTY" CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. DO
NOT CUT, DRILL, GRIND, WELD OR PERFORM SIMILAR OPERATIONS ON OR
NEAR CONTAINERS. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A
FIRE HAZARD.

GROUND CONTAINERS, FIXED & TRANSFER EQUIPMENT.

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

Respiratory Protection:SELECT APPROPRIATE NIOSH APPROVED RESPIRATOR TO
MAINTAIN EXPOSURE BELOW ACCEPTABLE LIMITS.

Ventilation:USE ADEQUATE VENTILATION TO MEET RECOMMENDED
CONCENTRATION. AVOID SPARKING AND EXPLOSIVE MIXTURES.

Protective Gloves:NEOPRENE, NBR

Eye Protection:GOGGLES OR FACESHIELD IF SPLASH POSSIBLE

Other Protective Equipment:SUFFICIENT PROTECTIVE CLOTHING
TO MINIMIZE

SKIN EXPOSURE. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:MFR: ? HMIS:USE GOOD INDUSTRIAL HYGIENE
PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING
OR DRINKING.

Supplemental Safety and Health

KEY2:KT

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

HCC:F1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:85.0F,29.4C

Vapor Pres:275-535 MM

Vapor Density:>1

Spec Gravity:0.71-0.78

Solubility in Water:PARTIALLY SOLUBLE

E

Appearance and Odor:WATER WHITE TO STRAW COLORED LIQUID, 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 FLAMES AND OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE MAY BE FORMED BY
INCOMPLETE COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR

===== Disposal =====

osal Considerations =====

Waste Disposal Methods:RECYCLE AS MUCH AS POSSIBLE. TREATMENT, STORAGE, TRANSPORTATION & DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS. DO NOT WASH OR DRAIN TO SEWERS, WATERWAYS.

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