

CONOCO INC. -- PREMIUM UNLEADED GASOLINE -- 9130-00-148-7104

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

Product ID:PREMIUM UNLEADED GASOLINE

MSDS Date:02/10/1988

FSC:9130

NIIN:00-148-7104

MSDS Number: BGWTV

=== Responsible Party ===

Company Name:CONOCO INC.

Address:1000 S. PINE

Box:1267

City:PONCA CITY

State:OK

ZIP:74603

Info Phone Num:405-767-6000

Emergency Phone Num:405-767-6000

CAGE:DO839

=== Contract

or Identification ===

Company Name:CONOCO INC

Address:1000 S PINE

Box:1267

City:PONCA CITY

State:OK

ZIP:74603

Country:US

Phone:800-441-3637,CHEMTREC 800-424-9300

CAGE:58326

Company Name:CONOCO INC.

Box:1267

City:PONCA CITY

State:OK

ZIP:74603

Country:US

Phone:405767-6000

CAGE:DO839

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

Ingred Name:GASOLINE

CAS:8006-61-9

RTECS #:LX3300000

OSHA PEL:300 PPM/500 STEL

ACGIH TLV:300 PPM/500STEL;9192

Ingred Name:BENZENE (SARA III)

CAS:

71-43-2
RTECS #:CY1400000
OSHA PEL:1PPM/5STEL;1910.1028
ACGIH TLV:10 PPM; A2; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:ETHYL BENZENE (SARA III)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 2.0%
OSHA PEL:100 PPM/125 STEL
ACGIH TLV:100 PPM/125STEL 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CUMENE (SARA III)
CAS:98-82-8
RTECS #:GR8575000
Fraction by Wt: 1.0%
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 50 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA III)
CAS:95-63-6
RTECS #:DC3325000
Fraction by Wt: 2.0%
OSHA PEL:25 PPM
ACGIH TLV:25 PPM; 9192

Ingred Name:METHYL TERT-BUTYL ETHER (SARA III)
CAS:1634-04-4
RTECS #:KN5250000
Fraction by Wt: 0-15%
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 15.0%
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: 12.0%
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL RAT LD50 18,800 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO
EYES,SKIN,RESPIRATORY TRACT AND DEPRESSES THE CENTRAL NERVOUS
SYSTEM DAMA
GE. MFR SHOWS "NO" FOR ALL THREE CARCINOGEN LISTS,BUT
SHOWS BENZENE AS AN INGREDIENTS.
Explanation of Carcinogenicity:CONTAINS BENZENE;LISTED BY ALL THREE.
ALSO,AN API STUDY FOUND LIVER CANCER IN MICE EXPOSED TO GASOLINE
VAPORS.
Effects of Overexposure:EYE/SKIN CONTACT:TRANSITORY IRRITATION.
INHALED:RESPIRATORY IRRITATION,CENTRAL NERVOUS SYSTEM DEPRESSION
INCLUDING,EUPHORIA,HEADACHE,DIZZINESS,DROWSINESS,FATIGUE,TREMORS,CO
NVULSIONS,NAUSEA,VOMITING,DI ARRHEA,LOSS OF CONSCI
OUSNESS AND
FINALLYDEATH. INGESTED:G/I IRRITATION,PLUS SYMPTOMS SIMILAR TO
THOSE UNDER "INHALED".
Medical Cond Aggravated by Exposure:PRE-EXISTING EYE,SKIN CONDITIONS OR
IMPAIRED LIVER,KIDNEY FUNCTION MAY BE AGGRAVATED BY THIS PRODUCT.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER.
REMOVE CONTAMINATED CLOTHING;LAUNDRER BEFORE REUSE. INHALED:REMOVE
TO FRESH AIR.RESUSCITATE OR GIVE OXYGEN
AS NEEDED. GET MEDICAL
CARE. INGESTED:GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE
VOMITING. IF VOMITING OCCURS,MINIMIZE ASPIRATION HAZARD.

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

Flash Point Method:TCC
Flash Point:AS LOW AS -50F
Lower Limits:1.3
Upper Limits:7.6
Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,FOAM,WATER FOG. WATER
MAY BE INEFFECTIVE,AS PRODUCT WILL FLOAT AND MAY SPREAD FIRE.
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING AP

PARATUS IN

ENCLOSED AREAS. WATER SPRAY MAY BE USED TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,ACCUMULATING IN LOW AREAS,TRAVELING ALONG GROUND AND MAY FLASH BACK FROM DISTANT IGNITION SOURCE.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. ISOLATE AREA. USE PROTECTIVE EQUIPMENT AS NECESSARY. STOP LEAK AND CONTAIN SPILL. DIKE AS NEEDED TO KEEP SPILL FROM DRAINS,WATER WAYS,ETC. WATER FOG MAY BE USED TO REDUCE VAPORS & PERSONAL HAZARD. REPORT SPILL PER LAW.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL,DRY,ISOLATED,WELL VENTILATED AREA. KEEP IGNITION SOURCES AWAY. GROUND CONTAINERS TO PREVENT STATIC DISCHARGE DURING TRANSFERS.

Other Precautions:FIRE AND EXPLOSION ARE THE ACUTE HAZARDS OF THIS PRODUCT. TAKE EXTRAORDINARY STEPS TO PREVENT THEM.

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

Respiratory Protection:IF NEEDED,USE NIOSH/MSHA RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR PREFERRABLY,A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR OR SELF CONTAINED BREATHING APPARATUS.

Ventilation:USE EXPLOSION PROOF VENTILATION EQUIPMENT TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:IMPERVIOUS RUBBER OR POLYMER.

Eye Protection:SAFETY GLASSES,OR SPLASH GOGGLES.

Other Protective Equipment:SAFETY SHOWER/EYE WASH. WORK CLOTHING AS

NEEDED TO PROTECT FROM PROLONGED/REPEATED CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. MINIMIZE ALL CONTACT.

Supplemental Safety and Health

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

HCC:F1

Boiling Pt:B.P. Text:85-437

Vapor Density:3.5 (AIR)

Spec Gravity:0.72-0.76

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID;GASOLINE ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS.

Stability Condition to Avoid: HEAT, SPARKS AND OTHER IGNITION

SOURCES, VAPOR ACCUMULATIONS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE.

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

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE, LOCAL REGULATIONS.

PRODUCT QUALIFYS AS IGNITABLE WASTE AND CANNOT BE LANDFILLED. IF

RECOVERY OR RECYCLE ARE UNACCEPTABLE, INCINERATION MAY BE

ACCEPTABLE DISPOSAL METHOD.

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