

CONOCO INC CONOSTAN DIV -- SUPER UNLEADED GASOLINE/PREMIUM UNLEADED --  
9130-01-090-1094

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

Product ID: SUPER UNLEADED GASOLINE/PREMIUM UNLEADED

MSDS Date: 04/25/1986

FSC: 9130

NIIN: 01-090-1094

MSDS Number: BQFDP

=== Responsible Party ===

Company Name: CONOCO INC CONOSTAN DIV

Address: 1000 S PINE ST

Box: 1267

City: PONCA CITY

State: OK

ZIP: 74602

Country: US

Info Phone Num: 405-767-2287

Emergency Phone Num: 405-767-2287

CAGE: 59548

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

Ingred Name: HYDROCARBON MIXTURE (AROMATIC & PARAFFINIC)

Other REC Limits: NONE RECOMMENDED

Ingred Name: BENZENE (SARA III)

CAS: 71-43-2

RTECS #: CY1400000

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1PPM/5STEL; 1910.1028

ACGIH TLV: 10 PPM; A2; 9293

EPA Rpt Qty: 10 L

BS  
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >25 ML/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:HIGH VAPOR LEVELS MAY CAUSE EYE  
IRRITATION. THE LIQUID IS SLIGHTLY IRRITATING TO THE SKIN.  
PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING  
WHICH MAY RESULT IN SKIN IRRITATION AND DERM ATIT  
IS. INHALATION OF  
VAPORS MAY BE IRRITATING TO NOSE & LUNGS. MAY CAUSE CNS DEPRESSION.  
INGESTION MAY CAUSE VOMITING  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION.  
CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION MAY BE EVIDENCED BY  
GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA. IN EXTREME CASES,  
UNCONSCIOUSNESS AND  
DEATH MAY OCCUR. ASPIRATION OF VOMITUS INTO  
THE LUNGS MAY CAUSE COUGHING, LABORED BREATHING, CYANOSIS AND IN  
SEVERE CASES, DEATH.  
Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN AND  
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS  
PRODUCT.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING  
EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH  
SOAP AN  
D WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL  
ATTENTION. INHALA TION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH  
RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION:  
DO NOT INDUCE VOMITING. KEEP HEAD BELOW HIPS IF VOMITING OCCURS.  
GET MEDICAL ATTENTION.

===== 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:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. DO NOT ENTER ENCLOSED OR CONFINED SPACE WITHOUT PROPER PROTECTION.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.  
WEAR

APPROPRIATE RESPIRATOR & PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE TO CONTAIN. REMOVE WITH VACUUM OR PUMP TO STORAGE/SALVAGE VESSELS. ABSORB RESIDUE WITH INERT MATERIAL. WATER FLUSH AREA.

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

Handling and Storage Precautions:KEEP LIQUID/VAPOR AWAY FROM HEAT, SPARKS & FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION. IGNITED VAPORS MAY EXPLODE.

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:AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH/MSHA APPROVED RESPIRATOR.

EITHER AN AIR-SUPPLIED OR AIR-PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES IS RECOMMENDED.

Ventilation:USE EXPLOSION-PROOF LOCAL AND/OR MECHANICAL VENTILATION. AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:INDUSTRIAL WORK CLOTHING TO MINIMIZE CONTACT. RUBBER APRON AND BOOTS AS REQUIRED. EYE BATH AND SAFETY SHOWER RECOMMENDED

NDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING PRODUCT AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

STUDIES WITH RODENTS HAVE SHOWN THAT PERTROLEUM DISTILLATES HAVE CAUSED KIDNEY DAMAGE AND KIDNEY OR LIVER TUMORS. HOWEVER, THE KIDNEY EFFECTS WERE NOT SEEN IN SIMILAR STUDIES INVOLVING GUINEA PIGS, DO GS OR MONKEYS. SEVERAL STUDIES EVALUATING PETROLEUM WORKERS HAVE NOT SHOWN SIGNIFICANT INCREAS ES OF KIDNEY DAMAGE.

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

HCC:F2

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

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:275-475

Vapor Density:NOT GIVEN

Spec Gravity:0.77

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:RED 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, CARBON DIOXIDE AND OTHER HYDROCARBON COMPOUNDS DURING COMBUSTION.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS

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