

CONOCO INC -- DIESEL FUEL NO. 2, LOW/HIGH SULFUR; 3502;3504;3510;4152. -- 9140-00-286-5295  
===== Product Identification =====

Product ID:DIESEL FUEL NO. 2, LOW/HIGH SULFUR; 3502;3504;3510;4152.

MSDS Date:01/10/1994

FSC:9140

NIIN:00-286-5295

MSDS Number: BRKCZ

=== Responsible Party ===

Company Name:CONOCO INC

Address:5 GREENWAY PLAZA E

Box:2197

City:HOUSTON

State:TX

ZIP:77252

Country:US

Info Phone

Num:713-293-5550

Emergency Phone Num:800-441-3637/800-424-9300(CHEMTREC)

Preparer's Name:MSDS ADMINISTRATOR

CAGE:5R396

=== Contractor 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:DIESEL FUEL, NO. 2 (PETROLEUM MID-DISTILLATE).

CAS:68476-34-6

Fraction by Wt: 100%

Other REC Limits:NONE RE

COMMENDED

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

LD50 LC50 Mixture:LD50 ORAL RAT = 9ML/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE IRRIT TO EYES/LUNGS/SKIN AFT  
PROLONG/REPEAT EXPOSURE. ASPIRATION INTO LUNGS MAY CAUSE LUNG  
DAMAGE & DEATH.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY N  
TP,IARC OR OSHA.

Effects of Overexposure:OVEREXPOSURE MAY CAUSE WEAKNESS,HEADACHE,  
NAUSEA,CONFUSION,BLURRED VISION,DROWSINESS,UNSPECIFIED CNS  
EFFECTS.LARGE EXPOSURE MAY CAUSE DIZZINESS,SLURRED SPEECH,FLUSHED  
FACE,UNCONSCIOUSNESS, CONVULSIONS .STUDIES IN MICE/RATS W/CHRONIC  
EXPOUSRE HAVE SHOWN DIESEL EXHAUST MAY PRODUCE LUNG TUMORS AND  
LYMPHOMAS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

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

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rst Aid:INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN IF BREATH DIFFI OR ARTI  
RESP IF NOT BRETH.CALL PHYSICIAN.SKIN:WASH W/SOAP & WATER.IF IRRIT  
DEVELOP/PERSIST,CALL PHYSICIAN.EYES:IMMED FLUSH W/PLENTY OF WATER  
FOR @ 15MINS.CALL PHYSICIAN.INGEST:DO NOT INDUCE VOMITING.IF  
CONSCIOUS GIVE 2 GLASSES OF WATER.PHYSICIAN:GIVE 5ML/KG (OR 350ML)  
OF CHARCOAL SOLUTION (50GMS CHARCOAL IN 400ML WATER).

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

Flash Point Method:TCC

Flash Point:130F,54C

Lower Limits:0.4

Upper Limits:6

Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE.

NFPA CLASSIFICATION:CLASS II COMBUSTIBLE LIQUID.

Fire Fighting Procedures:DON'T ENTER ENCLOSE/CONFINE SPACE W/O PROPER  
PROT EQPMT INCLUDING RESP PROT.W/WATER SPRAY COOL FIRE EXPOSED  
CNTNRS & DISPERSE/FLUSH VAP/PROTECT FROM SPILL/LEAK.

Unusual Fire/Explosion Hazard:PRODUCTS OF COMBUSTION MAY CONTAIN CARBON  
MONOXIDE, CARBON DIOXIDE & OTHER TOXIC MATERIALS.

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

Spill Release Procedures:REMOVE IGNITION SOURCES.USE EXPLOSION-PROOF EQPMT & APPROPRIATE PPE.DIKE & PREVENT FROM ENTERING SEWERS/WATERWAYS.SOAK UP W/ABSORBENT MATL.(SAWDUST,SAND,OIL DRY).IF SPILLED INTO NAVIGABLE WATERS REPOR T TO NAT RESP CNTR 800-424-8802.READ MSDS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN WELL-VENTILATED AREA.KEEP

CONTAINER TIGHTLY CLOSED.STORE IAW NAT FIRE PROTECTION ASSOC RECOMMENDATIONS.STORE AWAY FROM HEAT/SPARKS/FLAME/OXID

Other Precautions:DO NOT BREATHE VAPORS/MISTS.GROUND CONTAINERS WHEN TRANSFERRING LIQUID (FLOWING FUEL GENERATES STATIC ELECTRICITY).

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

Respiratory Protection:SELECT APPROPRIATE NIOSH-APPROVED RESP PROTECTION WHEN NEEDED TO AVOID INHAL OF MIST/VAPORS AND TO MAINTAIN EXPOSURES BELOW ACCEPTABLE LIMITS.

Ventilation:USE ONLY WITH ADEQUATE VENTILATION. MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:NEOPRENE, NBR GLOVES.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS, CHEM GOGG

Other Protective Equipment:COVERALLS IF SPLASHING IS PROBABLE.

Work Hygienic Practices:WASH HANDS AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHES PRIOR TO REUSE.

Supplemental Safety and Health

NOT SUBJECT TO CA PROP 65. CONTAINS DIESEL FUEL OIL SUBJECT TO PENALTY UNDER WORKER/COMM RIGHT TO KNOW.

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

HCC:F4

Boiling Pt:B.P. Text:350F,177C

Vapor Pres:1MM@68F

Vapor Density:>1

Spec Gravity:0.84-0.88 @60C

Viscosity:1.9CAT@40C

Solubility in Water:INSOLUBLE

Appearance and Odor:AROMATIC ODOR;LIQUID;HIGH SULFUR-GREEN;LOW SULFUR-RED OR UNDYED(CLEAR OR STRAW)

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE OR CAN REACT

EAC WITH STRONG OXIDIZERS.

Stability Condition to Avoid: AVOID HEAT, SPARKS, FLAME.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER TOXIC MATERIALS.

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

Waste Disposal Methods: TREATMENT/STORAGE/TRANSP/DISPOSAL MUST BE IAW APPLICABLE FED/STATE/PROVINCIAL/LOC REGS. DO NOT FLUSH TO SURFACE WATER/SANITARY SEWER SYS. BY ITSELF LIQ IS EXPECTED TO BE RCRA IGNITABLE HAZ WASTE. CONTAINS PETROHYDROCARBONS-RQ (FILM/SHEEN/DISCOLORED WATER).

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