

CONOCO INC -- NO.1 DIESEL FUEL, NO.1 FUEL OIL -- 9140-00-286-5287

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

Product ID:NO.1 DIESEL FUEL, NO.1 FUEL OIL

MSDS Date:12/31/1992

FSC:9140

NIIN:00-286-5287

MSDS Number: BMZTK

=== Responsible Party ===

Company Name:CONOCO INC

Address:600 N DAIRY ASHFORD RD RM 3012

Box:4784

City:HOUSTON

State:TX

ZIP:77210-4784

Country:US

Info Phone Num:713-293-5550

Emergency Phone

Num:800-441-3637(CHEMTREC 800-424-9300)

Preparer's Name:MSDS COORDINATOR

CAGE:15445

=== Contractor Identification ===

Company Name:CONOCO INC

Address:600 N DAIRY ASHFORD RD RM 3012

Box:4784

City:HOUSTON

State:TX

ZIP:77210-4784

Country:US

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

CAGE:15445

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 Ingredient

ts =====

Ingred Name:KEROSENE
CAS:8008-20-6
RTECS #:OA5500000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM 9091

Ingred Name:HYDROSULFURIZED KEROSENE
CAS:64742-81-0
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM HYDROCARBONS
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 9.0 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:PRODUCT IS IRRITATING TO EYES,
LUNGS,AND SKIN AFTER PROLONGED/REPEATED CONTACT. EXTREME
OVEREXPOSURE OR ASPIRATION INTO LUNGS MAY CAUSE LUNG DAMAGE.
BREATHING OIL MIST HAS CAUSED PULMONARY FIBROSIS. SKIN PAINTING
HAS CAUSED CANCER IN MICE IF SKIN IS NOT WASHED BETWEEN
APPLICATIONS.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECT CARCINOGEN

Effects of Overexposure:INHALATION: HEADACHE, NAUSEA, VOMITING,
DIZZINESS, DROWSINESS. EYES: BURNING SENSATION, REDNESS. SKIN:
RASH, ITCHING. INGESTION: BURNING OF MOUTH AND ESOPHAGUS; NAUSEA,
VOMITING, STOMACH PAIN.

Medical Cond Aggravated by Exposure:PRE-EXISTING LUNG, LIVER, OR KIDNEY
DISORDERS MAY BE AGGAVATED BY EXPOSURE.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR. EYE:FLUSH
W/WATE

R 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER 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.

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===== Fire Fighting Measures =====
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Flash Point Method:TCC

Flash Point:115F,46C

Autoignition Temp:Autoignition Temp Text:410F

Low

Lower Limits:0.5%

Upper Limits:6%

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

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. USE WATER FOG TO COOL FIRE EXPOSED CONTAINERS AND TO DISPERSE VAPORS. FORMS TOXIC FUMES/GASES.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND OR FLOOR, THEN 'FLASH BACK' FROM A DISTANT IGNITION SOURCE.

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===== Accidental Release Measures =====
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Spill Release Procedures:REVIEW FIRE & EXPLOSION HAZARDS BEFORE PROCEEDING. WEAR PROTECTIVE EQUIPMENT. VAPORS MAY BE EXPLOSIVE; ELIMINATE IGNITION SOURCES. DIKE SPILL. KEEP OUT OF SEWERS & WATERWAYS. SOAK UP WITH SAND,SAWDUST, ETC. SHOVEL OR SWEEP UP USING NON-SPARKING TOOLS.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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===== Handling and Storage =====
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Handling and Storage Precautions:STORE BELOW 40C, IN A WELL-VENTILATED

AREA AND AWAY FROM HEAT, IGNITION SOURCES AND OXIDIZING MATERIAL. HANDLE AND STORE I/A/W NFPA REGULATIONS.

Other Precautions:USE ONLY WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS, AND FLAMES. KEEP CONTAINER IN A COOL PLACE AND TIGHTLY CLOSED. GROUND CONTAINERS WHEN POURING.

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===== Exposure Controls/Personal Protection =====
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Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXC

BEDED OR WHEN SPRAYING

OR USING IN CONFINED SPACES.

Ventilation:USE SUFFICIENT VENTILATION TO MAINTAIN ATMOSPHERIC
CONCENTRATIONS BELOW PERMISSABLE EXPOSURE LIMITS.

Protective Gloves:NBR OR NEOPRENE

Eye Protection:SAFETY GLASSES (GOGGLES+FACE SHIELD)

Other Protective Equipment:SUFFICIENT PROTECTIVE CLOTHING TO MINIMIZE
SKIN EXPOSURE. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. WASH
AFTER USING THE PRODUCT AND BEFORE EATING,
DRINKING, ETC.

Supplemental Safety and Health

KEY2:KT

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

HCC:F4

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:>330F,>166C

Vapor Pres:2 MM

Vapor Density:>1 (AIR=1)

Spec Gravity:0.81

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR LIQUID, PARAFFINIC ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability

Stability Condition to Avoid:HEAT, SPARKS, FLAME AND OTHER SOURCES OF
IGNITION.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION MAY PRODUCE
CARBON MONOXIDE

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:TREATMENT AND DISPOSAL MUST BE IN ACCORDANCE
WITH APPLICABLE LOCAL, STATE/PROVINCIAL AND FEDERAL REGULATIONS. DO
NOT FLUSH TO SURFACE WATER OR SANITARY SEWER SYSTEM. LIQUID IS
EXP

ECTED TO BE A RCRA IG NITABLE HAZARDOUS WASTE.

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