

CONOCO INC -- NO 2 DIESEL FUEL/FURNACE OIL/DIESEL FUEL LC -- 9140-00-247-4362

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

Product ID:NO 2 DIESEL FUEL/FURNACE OIL/DIESEL FUEL LC

MSDS Date:10/01/1990

FSC:9140

NIIN:00-247-4362

MSDS Number: BKQZH

=== 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:800-441-3637

CA

GE: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

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

Ingred Name:AROMATIC & PARAFFINIC HYDROCARBONS

Fraction by Wt: >90%

Other REC Limits:NONE SPECIFIED

Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 3%

Other REC Limits:NONE SPECI

FIED
OSHA PEL:10 PPM/15 STEL
ACGIH TLV:10 PPM/15 STEL; 9192
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NO SIGNIFICANT HEALTH HAZARD IF HUMAN
EXPOSURE AT/BELOW THE RECOMMENDED EXPOSURE LEVEL.ACUTE-IT MAY CAUSE
IRRITATION TO EYES,SKIN,LUNGS.OVEREXPOSURE MAY CAUSE
WEAKNESS,HEADACH
E,NAUSEA,CONFUSION,BLURRE D
VISION,DROWSINESS,DIZZINESS,SLURRED SPEECH,FLUSHED
FACE,UNCONSCIOUSNESS/CONVULSIONS.CHRONIC-DAMAGES EYE/SKIN/KIDNEY.
Explanation of Carcinogenicity:NIOSH,BASED ON TESTS ON MICE &
RATS,RECOMMENDS THAT WHOLE DIESEL EXHAUST BE REGARDED AS A
POTENTIAL CARCINOGEN.
Effects of Overexposure:SYMPTOMS OF INTOXICATIONS ARE
HEADACHE,DIZZINESS,NAUSEA,VOMITING,STOMACH IRRITATION,MILD
EXCITATION,CONVULSION,CYANOSIS.ASPIRATION HAZARD IF VOMITING
OCCURS.MID
DLE DISTILLATES HAVE CAUSED SKIN CANCER & KIDNEY DAMAGE
IN LABORATORY ANIMALS WHEN REPEATEDLY APPLIED & NEVER WASHED FROM
THE SKIN.WASHING GREATLY REDUCED RISK.
Medical Cond Aggravated by Exposure:MAY AGGRAVATE PRE-EXISTING
DERMATITIS.

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

First Aid:GET MEDICAL CARE.INHALATION:REMOVE TO FRESH AIR.GIVE
CPR/OXYGEN IF NEEDED.EYE:FLUSH WITH WATER FOR 15 MINUTES KEEPING
EYELID OPEN.SKIN:WASH WITH SOAP & WATER.INGE
STION:DO NOT INDUCE
VOMITING.IF CONSCI OUS,DRINK 2 GLASSES OF WATER.CALL A DOCTOR.NOTE
TO PHYSICIAN:ACTIVATED CHARCOAL SLURRY (50G/400 ML WATER) MAY BE
ADMINISTERED.ADMINISTER 5ML/KG OR 350ML FOR AN AVERAGE ADULT.

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

Flash Point Method:TCC
Flash Point:130F,54C
Autoignition Temp:Autoignition Temp Text:494F
Lower Limits:0.4
Upper Limits:6
Extinguishing Media:WATER FOG, CO2, FOAM, OR DRY CHEMICAL. IF SPILLS
NOT IGNI

TED,USE WATER SPRAY TO DISPERSE THE VAPORS & PROTECT PERSONNEL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:PRODUCTS OF COMBUSTION MAY CONTAIN CARBON MONOXIDE, CARBON DIOXIDE AND OTHER TOXIC MATERIALS. DO NOT ENTER ENCLOSED OR CONFINED SPACE WITHOUT PROPER PROTECTION.

===== Accidental Release Meas
ures =====

Spill Release Procedures:REMOVE SOURCE OF HEAT,SPARKS,FLAME,FRICTION & ELECTRICITY,INCLUDING INTERNAL COMBUSTION ENGINE.USE EXPLOSION-PROOF EQUIPMENT TO CLEAN UP.DIKE SPILL.PREVENT LIQUID FROM ENTERING SEWERS,WATERWAYS/LOW AR EAS.SOAK UP WITH SAWDUST,SAND,OIL DRY.SHOVEL/SWEEP

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

Handling and Storage Precautions:STORAGE-STORE IN COOL,DRY WELL-VENTILATED AREA IN CLOSED CONTAINER AWAY FROM HEAT,IGNITION SOURCES & OXIDIZERS.

Other Precautions:COMBUSTIBLE LIQUID. USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. TO PREVENT RISK OF SKIN CANCER, PROTECT YOUR SKIN WITH GLOVES AND IMPERVIOUS CLOTHING.

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

Respiratory Protection:IN SITUATION WHERE VAPOR CONCENTRATIONS MAY EXCEED THE RECOMMENDED EXPOSURE LIMITS, A NIOSH-APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR SHOULD BE WORN. USE SELF-CONTAINED SUPPLIED-AIR RESPIRATOR FOR EMERGENCIES.

Ventilation:GENERAL DILUTION OR MECHANICAL VENTILATION/EXPLOSION-PROOF LOCAL EXHAUST TO KEEP VAPOR BELOW RECOMMENDED EXPOSURE LIMITS

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION.BARRIER CREAMS SPECIFIC FOR PETROLEUM-BASED MATERIALS MAY BE USED WHEN GLOVES ARE IMP

RACTICAL.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

GROUND AND BOND ALL TRANSFER AND STORAGE EQUIPMENT TO PREVENT STATIC SPARKS AND EQUIP WITH SELF CLOSING VALVES, PRESSURE VACUUM BUNGS AND FLAME ARRESTERS. EMPTY CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE TO HEAT, FLAME; THEY MAY EXPLODE.

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

HCC:V4

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

Vapor Pres:1

Vapor Density:>1

Spec Gravity:0.85

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR OR LIGHT YELLOW LIQUID - AROMATIC ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, FLAMES

Hazardous Decomposition

Products:CARBON MONOXIDE

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR. TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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