

CONOCO INC

-- DIESEL FUEL NO. 2, LOW/HIGH SULFUR; 3502;3504

MSDS Safety Information

SC: 9140
NIIN: 00-286-5294
MSDS Date: 01/10/1994
MSDS Num: BRK CW
Product ID: DIESEL FUEL NO. 2, LOW/HIGH SULFUR; 3502;3504;3510;4152.
MFN: 02
Responsible Party
Cage: 5R396
Name: CONOCO INC
Address: 5 GREENWAY PLAZA E
Box: 2197
City: HOUSTON TX 77252
Info Phone Number: 713-293-5550
Emergency Phone Number: 800-441-3637/800-424-9300 (CHEMTREC)
Preparer's Name: MSDS ADMINISTRATOR
Review Ind: Y
Published: Y

Preparer Co. when other than Responsible Party Co.

Cage: 5R396
Name: CONOCO INC
Address: 5 GREENWAY PLAZA E
Box: 2197
City: HOUSTON TX 77252

Contractor Summary

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Name: CONOCO INC
Address: 5 GREENWAY PLAZA E
Box: 2197
City: HOUSTON TX 77252
Phone: 713-293-5550 PRODUCT / 800-4413637 MED

Item Description Information

Item Name: DIESEL FUEL
Specification Number: VV-F-800
Type/Grade/Class: GRADE DF-2
Unit of Issue: GL
UI Container Qty: X
Type of Container: BULK

Ingredients

Cas: 68476-34-6
Name: DIESEL FUEL, NO. 2 (PETROLEUM MID-DISTILLATE).
% Wt: 100
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Health Hazards Data

LD50 LC50 Mixture: LD50 ORAL RAT = 9ML/KG
Route Of Entry Inds - Inhalation: YES

Skin: YES
 Ingestion: NO
 Carcinogenicity Inds - NTP: NO
 IARC: NO
 OSHA: NO

Effects of Exposure: 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 NTP, IARC OR OSHA.

Signs And Symptions 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.

First 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).

Handling and Disposal

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

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. CONTAIN S PETRO HYDROCARBONS-RQ (FILM/SHEEN/DISCOLO WATER).

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 BREATH VAPORS/MISTS. GROUND CONTAINERS WHEN TRANSFERRING LIQUID (FLOWING FUEL GENERATES STATIC ELECTRICITY).

Fire and Explosion Hazard Information

Flash Point Method: TCC

Flash Point Text: 130F, 54C

Lower Limits: 0.4

Upper Limits: 6

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

Control Measures

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. LAUNDER CONTAMIN CLOTHES
PRIOR TO REUSE.
Supplemental Safety and Health: NOT SUBJECT TO CA PROP 65. CONTAINS DIESEL FUEL
OIL SUBJECT TO PEN WORKER/COMM RIGHT TO KNOW.

Physical/Chemical Properties

HCC: F4
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

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: AVOID HEAT, SPARKS, FLAME.
Materials To Avoid: INCOMPATIBLE OR CAN REAC WITH STRONG OXIDIZERS.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER
TOXIC MATERIALS.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT.

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Code: 5R396
Trans ID NO: 66871
Product ID: DIESEL FUEL NO. 2, LOW/HIGH SULFUR; 3502;3504;3510;4152.
MSDS Prepared Date: 01/10/1994
Review Date: 09/02/1994
MFN: 2
Net Unit Weight: BULK
AF MMAC Code: NR
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: GL
Container QTY: X
Type Of Container: BULK
Additional Data: PER MSDS DOMESTIC PROPER SHIPPING NAME DIESEL FUEL, UN 1993,

HAZ CLASS COMBUST LIQ. IF SHIPPED BY VE SSEL/AIR USE INTERNATIONAL
DESCRIPTION WHICH IS GAS OIL, UN 1202, PACK GR III, FLAMM LIQ.

Detail DOT Information

DOT PSN Code: EXF
Symbols: D
DOT Proper Shipping Name: DIESEL FUEL
Hazard Class: 3
UN ID Num: NA1993
DOT Packaging Group: III
Label: NONE
Special Provision: B1
Non Bulk Pack: 203
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: A

Detail IMO Information

IMO PSN Code: HRR
IMO Proper Shipping Name: GAS OIL
IMDG Page Number: 3375
UN Number: 1202
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: 311

Detail IATA Information

IATA PSN TX
IATA UN ID Num: 1202
IATA Proper Shipping Name: GAS OIL
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: III
Packing Note Passenger: 309
Max Quant Pass: 60L
Max Quant Cargo: 220L
Packaging Note Cargo: 310
Exceptions: A3

Detail AFI Information

AFI PSN Code: JEV
AFI Proper Shipping Name: DIESEL FUEL
AFI PSN Modifier: ,ALSO SEE GAS OIL
AFI Hazard Class: 3
AFI UN ID NUM: UN1202
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A7.3

HAZCOM Label

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

Label Required IND: Y

Date Of Label Review: 09/02/1994

Status Code: C

Label Date: 09/02/1994

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Moderate

Reactivity Hazard: None

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