

CONOCO INTERNATIONAL INC -- NO.1 DIESEL FUEL, NO. 1 FUEL OIL

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MSDS Safety Information
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FSC: 9140
MSDS Date: 01/12/1994
MSDS Num: BVFVP
LIIN: 00D003369
Product ID: NO.1 DIESEL FUEL, NO. 1 FUEL OIL
MFN: 01
Responsible Party
Cage: EO213
Name: CONOCO INTERNATIONAL INC
Address: 5 GREENWAY PLAZA EAST
Box: 2197
City: HOUSTON TX 77001
Info Phone Number: 713-293-5550
Emergency Phone Number: 800-441-3637
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 5R396
Name: CONOCO INC
Address: UNKNOWN
Box: 2197
City: HOUSTON TX 77252
Phone: 800-424-9300/441-3637
Cage: EO213
Name: CONOCO INTERNATIONAL INC
Address: 5 GREENWAY PLAZA EAST
Box: 2197
City: HOUSTON TX 77001
Phone: 713-293-5550

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Ingredients
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Cas: 8008-20-6
RTECS #: OA5500000
Name: ALIPHATIC PETROLEUM SOLVENT (INGREDIENTS 1 & 2 =100%)
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 64742-81-0
RTECS #: OA5510000
Name: KEROSENE, HYDRODESULFURIZED (INGREDIENTS 1&2 = 100%)
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data
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LD50 LC50 Mixture: NOT GIVEN FOR PRODUCT AS A WHOLE
Route Of Entry Inds - Inhalation: YES
Skin: YES

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

Effects of Exposure: MAY CAUSE IRRITATION TO THE EYES, LUNGS OR SKIN AFTER PROLONGED OR REPEATED EXPOSURE. EXTREME OVEREXPOSURE OR ASPIRATION INTO THE LUNGS MAY CAUSE LUNG DAMAGE OR DEATH. OVEREXPOSURE MAY CAUSE WEAKNESS, HEADACHE, NAUSEA, CONFUSION, BLURRED VISION, DROWSINESS AND OTHER NERVOUS SYSTEM EFFECTS.

Explanation Of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptions Of Overexposure: EYE IRRITATION, SKIN IRRITATION, DERMATITIS, UPPER RESPIRATORY TRACT IRRITATION, NAUSEA, VOMITING, DIARRHEA, LUNG DAMAGE, DEATH, WEAKNESS, HEADACHE, CONFUSION, BLURRED VISION, DROWSINESS, DIZZINESS, SLURRED SPEECH, FLUSHED FACE, AORTIC PLAQUES, HEART BEAT IRREGULARITIES, UNCONSCIOUSNESS, CONVULSIONS.

Medical Cond Aggravated By Exposure: PRE-EXISTING DISEASES OF THE LUNGS, LIVER OR KIDNEYS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid: EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: ELIMINATE SOURCES OF IGNITION. EVACUATE AREA. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. STOP LEAK IF CAN DO SO WITHOUT RISK. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FOR DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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.

Handling And Storage Precautions: AVOID BREATHING VAPORS OR MIST. GROUND CONTAINER WHEN POURING. KEEP AWAY FROM HEAT, SPARKS AND FLAMES. CLOSE CONTAINER AFTER EACH USE.

Other Precautions: LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, GRIND OR DRILL ON OR NEAR FULL OR EMPTY CONTAINERS. EMPTY CONTAINER RESIDUE MAY EXPLODE IN HEAT OF A FIRE. STORE IN ACCORDANCE WITH NFPA RECOMMENDATION

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Fire and Explosion Hazard Information
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Flash Point Method: TCC
Flash Point Text: 115F, 46C
Lower Limits: 0.5 %
Upper Limits: 6 %

Extinguishing Media: WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE
Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: DO NOT USE DIRECT STREAM OF WATER ON FIRE. TOXIC GASES ARE RELEASED DURING COMBUSTION. USE WATER SPRAY TO DISPERSE VAPORS AND TO PROVIDE PROTECTION.

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Control Measures
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Respiratory Protection: NONE NORMALLY REQUIRED EXCEPT IN EMERGENCIES OR WHEN CONDITIONS CAUSE EXCESSIVE AIRBORNE LEVELS OF MISTS OR VAPORS. SELECT APPROPRIATE NIOSH-APPROVED RESPIRATORY PROTECTIVE EQUIPMENT WHEN EXPOSED TO SPRAYS OR MISTS.

Ventilation: LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves: NBR OR NEOPRENE

Eye Protection: SAFETY GLASSES OR GOGGLES

Other Protective Equipment: PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health: NOTES TO PHYSICIAN: ACTIVATED CHARCOAL MIXTURE SHOULD BE ADMINISTERED. BECAUSE OF DANGER OF ASPIRATION, EMESIS OR GASTRIC LAVAGE SHOULD NOT BE EMPLOYED UNLESS THE RISK IS JUSTIFIED BY THE PRESENCE OF ADDITIONAL TOXIC SUBSTANCES.

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Physical/Chemical Properties
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HCC: F4

B.P. Text: 330-572F

M.P/F.P Text: NOT GIVEN

Decomp Text: UNKNOWN

Vapor Pres: 2

Vapor Density: > 1

Spec Gravity: 0.81

Evaporation Rate & Reference: NOT GIVEN

Solubility in Water: INSOLUBLE

Appearance and Odor: UNDYED (CLEAR OR STRAW-COLORED) LIQUID, KEROSENE ODOR.
LOW SULFUR DIESEL-RED

Percent Volatiles by Volume: NIL

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: HEAT, OPEN FLAME, SPARKS

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
UNIDENTIFIED ORGANIC COMPOUNDS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: EO213
Trans ID NO: 2671
Product ID: NO.1 DIESEL FUEL, NO. 1 FUEL OIL
MSDS Prepared Date: 01/12/1994
Review Date: 10/04/1994
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Additional Data: FILM OR SHEEN UPON THE WATER SURFACE OR DISCOLORATION OF THE
WATER OR ADJOINING SHORELINE DUE TO SPILLAGE OF THIS MATERIAL IS REPORTABLE
TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802.

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Detail DOT Information
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DOT PSN Code: GOD
Symbols: D
DOT Proper Shipping Name: FUEL OIL
DOT PSN Modifier: (NO. 1, 2, 4, 5 OR 6)
Hazard Class: 3
UN ID Num: NA1993
DOT Packaging Group: III
Label: FLAMMABLE LIQUID
Special Provision: B1
Non Bulk Pack: 203
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: HNZ
IMO Proper Shipping Name: FUEL OIL NO. 1
IMDG Page Number: SEE 3375
UN Number: 1223
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: 311

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Detail IATA Information
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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

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Detail AFI Information
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AFI PSN MK
AFI Symbols: D
AFI Proper Shipping Name: FUEL OIL (NO. 1, 2, 4, 5, OR 6);
AFI PSN Modifier: ALSO SEE GAS OIL
AFI Hazard Class: 3
AFI UN ID NUM: NA1993
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: NO.1 DIESEL FUEL, NO. 1 FUEL OIL
Cage: EO213
Assigned IND: Y
Company Name: CONOCO INTERNATIONAL INC
Street: 5 GREENWAY PLAZA EAST
PO Box: 2197
City: HOUSTON TX
Zipcode: 77001
Health Emergency Phone: 800-441-3637
Label Required IND: Y
Date Of Label Review: 10/04/1994
Status Code: C
MFG Label NO: NONE
Label Date: 10/04/1994
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Moderate
Reactivity Hazard: Slight
Hazard And Precautions: AVOID BREATHING VAPORS OR MIST. GROUND CONTAINER WHEN
POURING. KEEP AWAY FROM HEAT, SPARKS AND FLAMES. CLOSE CONTAINER AFTER EACH
USE. FIRST AID: EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH
SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION:
REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION:
DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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