

CONOCO INC -- HD FLEET MOTOR OIL

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MSDS Safety Information  
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FSC: 9150  
NIIN: 00-191-2772  
MSDS Date: 06/28/2000  
MSDS Num: CKZFJ  
Product ID: HD FLEET MOTOR OIL  
MFN: 01  
Responsible Party  
Cage: 5R396  
Name: CONOCO INC  
Box: 2197  
City: HOUSTON TX 77252  
Info Phone Number: 713-293-5550PR  
ODUCT/ 800-4413637MED  
Emergency Phone Number: 800-342-5119/281-493-2767 MEDICAL  
Resp. Party Other MSDS No.: MOTC0090  
Chemtrec IND/Phone: (800)424-9300  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 5R396  
Name: CONOCO INC  
Address: 5 GREENWAY PLAZA E  
Box: 2197  
City: HOUSTON TX 77252  
Phone: 713-293-5550PRODUCT/ 800-4413637MED

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Item Description Information  
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Item Manager: S9G  
Item Name: LUBRICATING OIL,ENGINE  
Specification Number: A-A-52306A  
Type/Grade/Class: SAE 30  
Unit of Issue: DR  
Quantitative Expression: 00000000055GL  
UI Container Qty: 1  
Type of Container: DRUM

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Effects of Exposure: THE PRODUCT, AS WITH MANY PETROLEUM PRODUCTS, MAY CAUSE MINOR SKIN, EYE, AND LUNG IRRITATION. BUT GOOD HYGIENIC PRACTICES CAN MINIMIZE THESE EFFECTS. NORMAL USE OF THIS PRODUCT DOES NOT RESULT IN GENERATION OF AN OIL MIST. HOWEVER IF AN OILMIST IS GENERATED, OVEREXPOSURE CAN CAUSE MINOR AND R

EVERSIBLE IRRITATION TO THE EYES, SKIN, AND ESPECIALLY THE LUNGS. PROPER PERSONAL PROTECTIVE EQUIPMENT AND SUFFICIENT VENTILATION CAN PROVIDE ADEQUATE PROTECTION. "USED" MOTOR OIL-THERE IS NO EPIDEMIOLOGY STUDIES SHOWING "USED" MOTOR OIL TO BE CARCINOGENIC. HEALTH HAZARDS TO "USED" MOTOR OIL CAN BE MINIMIZED BY AVOIDING PROLONGED SKIN CONTACT.

Explanation Of Carcinogenicity: NONE OF THE COMPONENTS PRESENT IN THIS MATERIAL AT CONCENTRATIONS EQUAL TO OR GREATER THAN 0.1% ARE LISTED BY

IARC, NTP, OSHA

OR ACGIH AS A CARCINOGEN.

Signs And Symptoms Of Overexposure: THE PRODUCT, AS WITH MANY PETROLEUM PRODUCTS, MAY CAUSE MINOR SKIN, EYE, AND LUNG IRRITATION. BUT GOOD HYGIENIC PRACTICES CAN MINIMIZE THESE EFFECTS. NORMAL USE OF THIS PRODUCT DOES NOT RESULT IN GENERATION OF AN OIL MIST. HOWEVER IF AN OILMIST IS GENERATED, OVEREXPOSURE CAN CAUSE MINOR AND REVERSIBLE IRRITATION TO THE EYES, SKIN, AND ESPECIALLY THE LUNGS. PROPER PERSONAL PROTECTIVE EQUIPMENT AND SUFFICIENT

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First Aid: INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. SKIN: WASH SKIN THOROUGHLY WITH SOAP & WATER. IF IRRITATION DEVELOPS/PERSISTS, CONSULT A PHYSICIAN.

EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. INGESTION: MATERIAL POSES AN ASPIRATION HAZARD. IF SWALLOWED, DO NOT INDUCE VOMITING. IMMEDIATELY GIVE 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN. IF VOMITING OCCURS NATURALLY, HAVE VICTIM LEAN FORWARD TO REDUCE THE RISK OF ASPIRATION.

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Handling and Disposal  
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Spill Release Procedures: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN-UP. REMOVE SOURCE OF HEAT, SPARKS, AND FLAME. DIKE SPILL. PREVENT MATERIAL FROM ENTERING SEWERS, WATERWAYS, OR LOW AREAS. RECOVER FREE LIQUID FOR REUSE OR RECLAMATION. SOAK UP WITH SAWDUST, SAND, OIL DRY OR OTHER ABSORBENT MATERIAL.

Waste Disposal Methods: TREATMENT, STORAGE, TRANSPORTATION & DISPOSAL MUST BE I/A/W APPLICABLE FEDERAL, STATE/PROVINCIAL & LOCAL REGULATIONS

. DO NOT

FLUSH TO SURFACE WATER OR SANITARY SEWER SYSTEM.

Handling And Storage Precautions: CLOSE CONTAINER AFTER EACH USE. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, GRIND, OR DRILL ON OR NEAR FULL OR EMPTY CONTAINER. EMPTY CONTAINER RETAINS RESIDUE (LIQUID &/OR VAPOR) AND MAY EXPLODE IN HEAT OF A FIRE. STORE I/A/W NATIONAL FIRE PROTECTION ASSOCIATION RECOMMENDATIONS.

Other Precautions: AVOID BREATHING VAPORS OR MIST. AVOID CONTACT WITH EYES. AVOID PROLONGED OR REPEATED CONT

ACT WITH SKIN. WASH THOROUGHLY AFTER

HANDLING. WASH CONTAMINATED CLOTHING PRIOR TO REUSE. STORE IN A COOL, DRY, WELL-VENTILATED PLACE. STORE AWAY FROM HEAT, SPARKS AND FLAMES, OXIDIZERS.

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#### Fire and Explosion Hazard Information

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Extinguishing Media: WATER SPRAY, FOAM, DRY CHEMICAL, CO2.

Fire Fighting Procedures: WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE-EXPOSED CONTA

INERS COOL. WATER MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES.

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 PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECT ION.

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#### Control Measures

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Respiratory Protection: WHEN CONDITIONS CAUSE EXCESSIVE AIRBORNE LEVELS OF

MISTS/VAPORS: SELECT APPROPRIATE NIOSH-APPROVED RESPIRATORY PROTECTIVE EQUIPMENT WHEN EXPOSED TO SPRAY/MISTS. PROPER RESPIRATOR SELECTION SHOULD BE DETERMINED BY ADEQUATELY TRAINED PERSONNEL & BASED ON THE CONTAMINANT(S), THE DEGREE OF POTENTIAL EXPOSURE & PUBLISHED RESPIRATOR PROTECTION FACTORS.

Ventilation: NORMAL SHOP VENTILATION.

Protective Gloves: NBR OR NEOPRENE RECOMMENDED.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: CO

VERALLS WITH LONG SLEEVES IF SPLASHING IS PROBABLE.

Work Hygienic Practices: AVOID ANY PROLONGED OR REPEATED SKIN CONTACT WITH "USED" MOTOR OIL. WASH THOROUGHLY WITH SOAP AND WATER AFTER CONTACT.

Supplemental Safety and Health: NOTE TO PHYSICIAN: ACTIVATED CHARCOAL MIXTURE MAY BE ADMINISTERED. TO PREPARE ACTIVATED CHARCOAL MIXTURE, SUSPEND 50 GRAMS ACTIVATED CHARCOAL IN 400 ML WATER AND MIX THOROUGHLY. ADMINISTER 5 ML/KG, OR 350 ML FOR AN AVERAGE ADULT.

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Physical/Chemical Properties

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HCC: V6

B.P. Text: NOT AVAILABLE

Vapor Pres: NIL

Vapor Density: >1

Spec Gravity: 0.87 - 0.89@60F(16C)

Evaporation Rate & Reference: NIL

Solubility in Water: INSOLUBLE

Appearance and Odor: AMBER, BROWN (LIGHT) LIQUID; PETROLEUM HYDROCARBON (MILD) ODOR.

Percent Volatiles by Volume: NIL

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: HEAT, SPARKS, AND FLAMES.

Materials To Avoid: INCOMPATIBLE OR CAN REACT WITH STRONG OXIDIZERS.

Hazardous Decomposition Products: COMBUSTION FORMS OXIDES OF CARBON AND MAY PRODUCE SMALL QUANTITIES OF OXIDES OF NITROGEN, PHOSPHORUS, SULFUR AND ZINC.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information

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Toxicological Information: MOUSE SKIN PAINTING STUDIES HAVE SHOWN THAT HIGHLY SOLVENT-REFINED PETROLEUM DISTILLATES SIMILAR TO INGREDIENTS IN THIS PRODUCT HAVE NOT CAUSED SKIN TUMORS. ANIMAL SKIN EXPOSURE STUDIES SHOW HIGH CONCENTRATIONS OF ZINC ORGANIC PHOSPHATES CAUSE TESTICULAR ATROPHY, BUT THIS EFFECT APPEARS RELATED TO STRESS FROM THE CHEMICAL CAUSING SEVERE SKIN IRRITATION. LOW CONCENTRATIONS OF THE ZINC COMPON

ENT, AS OCCURS IN LUBRICANT PRODUCTS, WOULD BE UNLIKELY TO CAUSE TESTICULAR DAMAGE. LABORATORY STUDIES WITH MICE HAVE SHOWN THAT "USED" MOTOR OIL APPLIED REPEATEDLY TO SKIN CAUSED CANCER.

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Ecological Information  
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Ecological: ECOTOXICOLOGICAL INFORMATION: NO SPECIFIC AQUATIC DATA AVAILABLE FOR THIS PRODUCT.

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MSDS Transport Information  
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Transport Information: NOT REGULATED.

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Regulatory Information  
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Sara Title III Information: SARA, TITLE II, 302/304 (40 CFR 355): EXTREMELY HAZARDOUS SUBSTANCE: NONE. SARA, TITLE III, 311/312 (40 CFR 370): ACUTE: NO, CHRONIC: NO, FIRE: NO, REACTIVITY: NO, & PRESSURE: NO. SARA, TITLE III, 313 (40 CFR 372): TH

THIS MATERIAL CONTAINS THE FOLLOWING CHEMICAL(S) AT A LEVEL OF 1.0% OR GREATER (0.1% FOR CARCINOGENS) ON THE LIST OF TOXIC CHEMICALS AND IS SUBJECT TO TOXIC CHEMICAL RELEASE REPORTING REQUIREMENTS: TOXIC CHEMICAL: ZINC COMPOUND.

Federal Regulatory Information: TSCA (40 CFR 710): MATERIAL AND/OR COMPONENTS ARE LISTED IN THE TSCA INVENTORY OF CHEMICAL SUBSTANCES. RCRA (40 CFR 261): THIS MATERIAL HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS & DOESN'T MEET HAZARDOUS WASTE CRITERIA IF DISCARDED IN ITS PURCHASED FORM. BECAUSE OF PRODUCT USE, TRANSFORMATION, MIXING PROCESSING, ETC., WHICH MAY RENDER THE RESULTING MATERIAL HAZARDOUS, IT IS THE PRODUCT USER'S RESPONSIBILITY TO DETERMINE AT THE TIME OF DISPOSAL WHETHER THE MATERIAL MEETS RCRA HAZARDOUS WASTE CRITERIA. (SEE OTHER INFORMATION)

State Regulatory Information: CALIFORNIA "PROP 65" THIS MATERIAL MAY CONTAIN TRACE AMOUNT(S) OF AN INGREDIENT(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM. READ & FOLLOW ALL LABEL DIRECTIONS. PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT: THIS MATERIAL MAY CONTAIN THE FOLLOWING INGREDIENT(S) SUBJECT TO THE PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW HAZARDOUS SUBSTANCES LIST. INGREDIENT: ZINC COMPOUND, CATEGORY: ENVIRONMENTAL HAZARDOUS SUBSTANCE.

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Other Information  
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Other Information

n: CLEAN WATER ACT (40 CFR 116.4A)- THE MATERIAL CONTAINS THE FOLLOWING INGREDIENT(S) WHICH IS CONSIDERED HAZARDOUS IF SPILLED INTO NAVIGABLE WATERS & THEREFORE REPORTABLE TO THE NATIONAL RESPONSE CENTER (1-800-424-8802). INGREDIENT: PETROLEUM HYDROCARBONS. REPORTABLE QUANTITY: FILM OR SHEEN UPON OR DISCOLORATION OF ANY WATER SURFACE.

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Transportation Information  
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Responsible Party Cage: 5R396  
Trans ID NO: 156111  
Product ID: HD FLEET MOTOR OIL  
MSDS Prepared Date: 06/28/2000  
Review Date: 02/28/2001  
MFN: 1  
Multiple KIT Number: 0  
Unit Of Issue: DR  
Container QTY: 1  
Type Of Container: DRUM

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Detail DOT Information  
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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information  
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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information  
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IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information  
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AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label  
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Product ID: HD FLEET MOTOR OIL  
Cage: 5R396  
Company Name: CONOCO INC  
Street: 5 GREENWAY PLAZA E  
PO Box: 2197  
City: HOUSTON TX  
Zipcode: 77252  
Health Emergency Phone: 800-342-5119/281-493-2767 MEDICAL  
Label Required IND: Y  
Date Of Label Review: 02/28/2001

Status Code: A  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: CAUTION  
Respiratory Protection IND: YES  
Health Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: Slight  
Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. THE PRODUCT MAY CAUSE MINOR SKIN, EYE, AND LUNG IRRITATION. BUT GOOD HYGIENIC PRACTICES CAN MINIMIZE THESE EFFECTS. NORMAL USE OF THIS PRODUCT DOES NOT RESULT IN GENERATION OF AN OIL MIST. HOWEVER IF AN OIL MIST IS GENERATED, OVEREXPOSURE CAN CAUSE MINOR AND REVERSIBLE IRRITATION TO THE EYES, SKIN, & ESPECIALLY THE LUNGS. PROPER PERSONAL PROTECTIVE EQUIPMENT AND SUFFICIENT VENTILATION CAN PROVIDE ADEQUATE PROTECTION. "USED" MOTOR OIL-THERE IS NO EPIDEMIOLOGICAL STUDIES SHOWING "USED" MOTOR OIL TO BE CARCINOGENIC. HEALTH HAZARDS TO "USED" MOTOR OIL CAN BE MINIMIZED BY AVOIDING PROLONGED SKIN CONTACT.

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