

SAFETY-KLEEN CORP -- AMERICA'S CHOICE DIESEL MOTOR OIL 10W, 20W, 3

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MSDS Safety Information
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FSC: 9150
NIIN: 01-438-6082
MSDS Date: 08/11/1998
MSDS Num: CJGLN
Product ID: AMERICA'S CHOICE DIESEL MOTOR OIL 10W, 20W, 30, 40, 50
MFN: 01
Responsible Party
Cage: TO081
Name: SAFETY-KLEEN CORP
Address: 1301 GERVAIS S
TREET SUITE 300
City: COLUMBIA SC 29201
Info Phone Number: 803-933-4200/800-265-2792 TECH?
Emergency Phone Number: 800-752-7869X2 MEDICAL
Resp. Party Other MSDS No.: 82506
Preparer's Name: PRODUCT MSDS COORDINATOR
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: TO081
Name: SAFETY-KLEEN CORP
Address: 1301 GERVAIS STREET SUITE 300
City: COLUMBIA SC 29201
Phone: 80
3-933-4200/800-265-2792 TECH?

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Item Description Information
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Item Manager: S9G
Item Name: LUBRICATING OIL,ENGINE
Specification Number: MIL-L-2104
Type/Grade/Class: 15W-40 GRADE
Unit of Issue: CN
Quantitative Expression: 0000000005GL
UI Container Qty: 1
Type of Container: CAN

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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

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: PROLONGED OR REPEATED INHALATION OF OIL MIST MAY CAUSE PNEUMONIA, LUNG TISSUE INFLAMMATION, AND/OR FIBROUS TISSUE FORMATION.

PROLONGED OR REPEATED EYE CONTACT MAY CAUSE INFLAMMATION OF THE MEMBRANE LINING THE EYELIDS AND COVERING THE EYEBALL (CONJUNCTIVITIS). PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING, CRACKING, REDNESS, ITCHING, AND/OR SWELLING (DERMATITIS).

Explanation Of Carcinogenicity: NO KNOWN CARCINOGENICITY. NO ANIMAL SKIN CARCINOGENICITY TESTS OF THESE MATERIALS HAVE BEEN CONDUCTED. NEITHER IARC, NTP, ACGIH, NOR OSHA HAVE CLASSIFIED THESE MATERIALS AS TO THEIR CARCINOGENIC RISK.

Signs And Symptoms Of Overexposure: INHALATION-HIGH CONCENTRATIONS OF VAPOR OR MIST MAY IRRITATE THE RESPIRATORY TRACT (NOSE, THROAT, AND LUNGS). EYES-BRIEF, DIRECT CONTACT WITH PRODUCT MAY CAUSE IRRITATION. SKIN-BRIEF, DIRECT CONTACT WITH PRODUCT MAY CAUSE IRRITATION. A SINGLE, PROLONGED EXPOSURE IS NOT LIKELY TO CAUSE THE PRODUCT TO BE ABSORBED THROUGH THE SKIN IN HARMFUL AMOUNTS. INGESTION-MAY CAUSE THROAT IRRITATION, NAUSEA, VOMITING AND DIARRHEA. BREATHING PRODUCT INTO LUNGS DURING INGESTION OR VOMITING MAY CAUSE LUNG INJURY AND POSSIBLE DEATH.

Medical Cond Aggravated By Exposure: INDIVIDUALS WITH PRE-EXISTING, RESPIRATORY TRACT (NOSE, THROAT AND LUNGS), EYE, AND/OR SKIN DISORDERS MAY HAVE INCREASED SUSCEPTIBILITY TO THE EFFECTS OF EXPOSURE.

First Aid: INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. EYE-IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER, FOR 15 MIN. IF IRRITATION/REDNESS DEVELOPS, MOVE AWAY FROM EXPOSURE. GET ME

DICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHING/SHOES. WASH SKIN THOROUGHLY WITH SOAP & WATER. GET MEDICAL ATTENTION. IF PRODUCT IS INJECTED UNDER PRESSURE INTO/ UNDER THE SKIN, A PHYSICIAN SHOULD IMMEDIATELY EVALUATE THE INDIVIDUAL. INGESTION-IMMEDIATELY GET MEDICAL ATTENTION. DO NOT INDUCE VOMITING. IF SPONTANEOUSLY OCCURS, KEEP HEAD BELOW HIPS TO AVOID BREATHING PRODUCT INTO LUNGS.

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Handling and Disposal
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Spill Release Procedures: REMOVE ALL IGNITION SOURCES. DO NOT TOUCH OR WALK THROUGH SPILLED PRODUCT. STOP LEAK IF YOU CAN. WEAR PROTECTIVE EQUIPMENT. ISOLATE HAZARD AREA. KEEP UNNECESSARY/UNPROTECTIVE PERSONNEL AWAY. VENTILATE AREA & AVOID VAPOR/MIST. CONTAIN FROM SURFACE WATERS/SEWERS. CONTAIN AS A LIQUID FOR POSSIBLE RECOVERY OR SORB WITH COMPATIBLE MATERIAL & SHOVEL WITH A CLEAN TOOL INTO A SEALABLE DISPOSAL CONTAINER.

Waste Disposal

Methods: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, PROVINCIAL AND LOCAL REGULATIONS. REGULATIONS MAY ALSO APPLY TO EMPTY CONTAINERS. THE RESPONSIBILITY FOR PROPER DISPOSAL LIES WITH THE OWNER OF THE WASTE. CONTACT SAFETY-KLEEN REGARDING RECYCLING OR PROPER DISPOSAL.

Handling And Storage Precautions: KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE AND DURING TRANSPORT. STORE CONTAINER IN A COOL, DRY PLACE. DO NOT PRESSURIZED, CUT, WELD, BRAZE, SOLDER, DRILL OR GRIND. KEEP CONTAINERS AWAY

FROM HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION.

Other Precautions: EMPTY PRODUCT CONTAINERS MAY RETAIN PRODUCT RESIDUE AND CAN BE DANGEROUS. HANDLING USE CLEAN TOOLS. THIS PRODUCT HAS A LOW VAPOR PRESSURE AND IS NOT EXPECTED TO PRESENT AN INHALATION HAZARD UNDER NORMAL TEMPERATURES AND PRESSURES. HOWEVER, WHEN AEROSOLIZING OR MISTING THIS PRODUCT, DO NOT BREATHE VAPOR OR MIST.

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point: =200.C, 392.F

Autoignition Temp: =398.9C, 750.F

Lower Limits: 1 VOL%

Upper Limits: 10 VOL %

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

Fire Fighting Procedures: KEEP STORAGE CONTAINERS COOL WITH WATER SPRAY. POSITIVE-PRESSURE SCBA AND STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING MAY PROVIDE LIMITED PROTECTION.

Unusual Fire/Explosion Hazard: HEATED CONTAINERS

INERS MAY RUPTURE. "EMPTY"

CONTAINERS MAY RETAIN RESIDUE AND CAN BE DANGEROUS. NOT SENSITIVE TO MECHANICAL IMPACT OR STATIC DISCHARGE.

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Control Measures
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Respiratory Protection: USE NIOSH-APPROVED RESPIRATORY EQPT WHEN CONCENTRATION OF VAPOR/MIST EXCEEDS APPLIC EXPO LIMIT. SCBA AND FULL PROTECTIVE EQPT REQUIRED FOR FIRE EMERGENCIES. EQPT SHOULD BE IAW IN USE OSHA 29 CFR 1910.

134; CANADA WITH CSA STD Z94.

Ventilation: PROVIDE VENT NEEDED TO MAINTAIN CONCENTRATION OF VAPOR/MIST BELOW APPLIC EXPO LIMIT. IF ADEQUATE VENT UNAVAILABLE--SEE OTHER

Protective Gloves: CHEMICAL RESISTANT GLOVES

Eye Protection: WEAR SAFETY GLASSES, CONTACT LENS USE NOT RECOMMENDED.

Other Protective Equipment: EMERGENCY EYEWASH IN IMMEDIATE AREA. CLEAN WATER SHOULD BE AVAILABLE FOR FLUSHING EYES AND SKIN.

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Physical/Chemical Properties
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HCC: N1

Boiling Point: =215.6C, 420.F

Vapor Pres: <O.1MMHG@68F

Vapor Density: >10 AIR=1

Spec Gravity: 0.88 H2O=1

Evaporation Rate & Reference: 0.001 ETHYLETHER=1

Solubility in Water: INSOLUBLE

Appearance and Odor: LIQUID, AMBER, PETROLEUM ODOR

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: AVOID

HEAT, SPARKS, FLAME

Materials To Avoid: AVOID OXIDIZING AGENTS

Hazardous Decomposition Products: NONE UNDER NORMAL TEMPERATURES AND PRESSURES. SEE HAZARD COMBUSTION PRODUCTS SECTION.

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Toxicological Information: SENSITIZATION: BASED ON BEST CURRENT INFORMATION, THERE IS NO KNOWN HUMAN SENSITIZATION ASSOCIATED WITH THIS

PRODUCT.

REPRODUCTIVE TOXICITY: BASED ON BEST CURRENT INFORMATION, THERE IS NO KNOWN TERATI GENICITY ASSOCIATED WITH THIS PRODUCT.MUTAGENICITY: EXPERIMENTAL EVIDENCE SUGGESTES THAT THIS PRODUCT DOES NOT CAUSE MUTAGENESIS.

TOXICOLOGICAL SYNERGISTIC PRODUCTS: BASED ON BEST CURRENT INFORMATION, THERE ARE NO KNOWN TOXICOLOGICAL SYNERGISTIC PRODUCTS ASSOCIATED WITH THIS PRODUCT.

Ecological Information

Ecological: ECOTOXICITY: NOT AVAILABLE. OCTANOL/WATER PARTITION COEFFICIENT: NOT AVAILABLE. VOLATILE ORGANIC COMPOUNDS: 100 WT%; 7.3 LB/US GAL; 880 G/L (APPROXIMATELY) PHOTOCHEMICALLY REACTIVE AS PER 40 CFR PART 51.100(S).

MSDS Transport Information

Transport Information: DOT: NOT REGULATED. TDG: THIS PRODUCT IS NOT FOR SALE OR USE IN CANADA.

Regulatory Information

Sara Title III Information: PHOSPHORIC ACID, O-O-DI-C1-14-ALKYL ESTERS, ZINC SALTS ARE SUBJECT TO THE REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372 UNDER THE ZINC COMPOUND CATEGORY. ADDITIONAL INFORMATION IS NOT AVAILABLE.

Federal Regulatory Information: TSCA: ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON, OR ARE EXEMPTED FROM THE REQUIREMENTS TO BE LISTED ON, THE TSCA INVENTORY.

State Regulatory Information: THIS PRODUCT CONTAINS ACETALDEHYDE, CAS 75-07-0; ARSENIC, CAS 7440-38-2; BENZENE, CAS 71-43-2; 1,3-BUTADIENE, CAS 106-99-0; CADMIUM, CAS 7440-43-9; AND LEAD, CAS 7439-92-1 FROM ADDITIVES. THIS PRODUCT CONTAIN DETECTABLE AMOUNTS OF BENZO(A)ANTHRACENE, CAS 56-55-3; BENZO(K)FLUORANTHENE, CAS 207-08-9; BENZO(A)PYRENE, CAS 50-32-8; BENZO(B)FLUORANTHENE, CAS 205-99-2; CHRYSENE, CAS 218-01-9; DIBENZ(A,H) ANTHRACENE, CAS 53-70-3; AND INDENO(1,2,3-CD)PYRENE, CAS 193-39-5. THESE MATERIAL ARE LISTED BY THE STATE OF CALIFORNIA AS KNOWN CARCINOGENS. OUR TESTING OF THIS PRODUCT INDICATED THAT THESE MATERIAL ARE NOT ALWAYS DETECTABLE. .

Other Information

Other Information: CANADIAN REGULATIONS: THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH

THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR . W: THIS PRODUCT IS NOT FOR SALE OR USE IN CANADA. CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): THIS PRODUCT IS NOT FOR SALE OR USE IN CANADA.

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Transportation Information
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Responsible Party Cage: TO081
Trans ID NO: 144266
Product ID: AMERICA'S CHOICE DIE
SEL MOTOR OIL 10W, 20W, 30, 40, 50
MSDS Prepared Date: 08/11/1998
Review Date: 06/12/1999
MFN: 1
Multiple KIT Number: 0
Unit Of Issue: CN
Container QTY: 1
Type Of Container: CAN
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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: AMERICA'S CHOICE DIESEL MOTOR OIL 10W, 20W, 30, 40, 50
Cage: TO081
Assigned IND: Y
Company Name: SAFETY-KLEEN CORP
Street: 1301 GERVAIS STREET SUITE 300
City: COLUMBIA SC
Zipcode: 29201
Health Emergency Phone: 800-752-7869X2 MEDICAL
Label Required IND: Y
Date Of Label Review: 06/

12/1999

Status Code: A

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: Slight

Reactivity Hazard: None

Hazard And Precautions: PROLONGED OR REPEATED INHALATION OF OIL MIST MAY CAUSE PNEUMONIA, LUNG TISSUE INFLAMMATION, AND/OR FIBROUS TISSUE FORMATION. PROLONGED OR REPEATED EYE CONTACT MAY CAUSE INFLAMMATION OF THE MEMBRANE LINING THE EY

ELIDS AND COVERING THE EYEBALL (CONJUNCTIVITIS). PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING, CRACKING, REDNESS, ITCHING, AND/OR SWELLING (DERMATITIS).

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icular situation regardless of similarity to a corresponding Department of Defense or other government situation.