

SAFETY-KLEEN CORP -- PREFIX 22, AMERICA'S CHOICE DIESEL MOTOR OIL(

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MSDS Safety Information
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FSC: 9150

NIIN: 01-421-1432

MSDS Date: 04/29/1999

MSDS Num: CLFLH

Product ID: PREFIX 22, AMERICA'S CHOICE DIESEL MOTOR OIL(SEE SUPPL)

MFN: 01

Responsible Party

Cage: 30530

Name: SAFETY-KLEEN CORP

Address: 1301 GERVAIS

ST, SUITE 300

City: COLUMBIA SC 29201

Info Phone Number: 1-803-933-4200

Emergency Phone Number: 1-800-752-7869

Resp. Party Other MSDS No.: 82506
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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: DR

Quantitative Expression: 00000000055GL

UI Container Qty: 1

Type of Container: D

RUM
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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: NOT PROVIDED

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: 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 THE LUNGS DURING INGESTION OR VOMITING MAY CAUSE LUNG INJURY AND POSSIBLE DEATH. CHRONIC: MAY CAUSE OIL PNEUMONIA, LUNG TISSUE AND

EYELIDS INFLAMMATION, DRYING, CRACKING, ITCHING (DERMATITIS).

Explanation Of Carcinogenicity: 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. INGESTION: MAY CAUSE THROAT

IRRITATION, NAUSEA, VOMITING AND DIARRHEA. BREATHING PRODUCT INTO THE 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), EYES, AND/OR SKIN DISORDERS MAY HAVE INCREASED SUSCEPTIBILITY TO THE EFFECTS OF EXPOSURE.

First Aid: INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION

IF BREATHING DIFFICULTY PERSISTS. EYES: IMMEDIATELY FLUSH WITH WATER, HOLDING EYELIDS APART, FOR 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION/PAIN PERSISTS. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION/PAIN PERSISTS. IF INJECTED UNDER SKIN, SEE A PHYSICIAN IMMEDIATELY. INGESTION: GET MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS.

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Handling and Disposal
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Spill Release Procedures: REMOVE SOURCES OF IGNITION. DO NOT TOUCH SPILL. STOP LEAK IF YOU CAN SO IT WITHOUT RISK. WEAR PROTECTIVE EQUIPMENT. ISOLATE HAZARD AREA. KEEP UNPROTECTED PERSONNEL FROM ENTERING. VENTILATE AREA. AVOID BREATHING VAPOR/MIST. CONTAIN AWAY FROM SURFACE WATERS AND SEWERS. CONTAIN FOR RECOVERY/SORB WITH

COMPATIBLE SORBENT MATERIAL AND SHOVEL WITH A CLEAN TOOL INTO A SEALABLE CONTAINER FOR DISPOSAL.

Neutralizing Agent: NOT RELEVANT

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

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE. KEEP AWAY FROM

HEAT, SPARKS, OR FLAME. USE CLEAN TOOLS. USE IN A WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, OR GRIND. EMPTY PRODUCT CONTAINERS MAY RETAIN PRODUCT RESIDUE AND CAN BE DANGEROUS.

Other Precautions: 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

Flash Point Text: (MINIMUM)

Autoignition Temp: =398.9C, 750.F

Autoignition Temp Text: APPROX

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, SELF-CONTAINED BREATHING APPARATUS (SCBA) AND STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING MAY PROVIDE LIMITED PROTECTION.

Unusual Fire/Explosion Hazard: HEATED CONTAINERS MAY RUPTURE. "EMPTY" CONTAINERS MAY RETAIN RESIDUE AND CAN BE DANGEROUS. NOT SENSITIVE TO MECHANICAL IMPACT OR STATIC DISCHARGE. PRODUCT MAY BURN, BUT DOES NOT IGNITE READILY.

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Control Measures
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Respiratory Protection: USE NIOSH APPROVED RESPIRATORY PROTECTION WHEN CONCENTRATION OF VAPOR/ MIST EXCEEDS APPLICABLE EXPOSURE LIMITS. A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT ARE REQUIRED FOR FIRE EMERGENCIES. SELECTION AND USE OF RESPIRATORY EQUIPMENT SHOULD BE IN ACCORDANCE WITH OSHA GENERAL INDUSTRY STANDARD 29 CFR 1910.134.

Ventilation: PROVIDE GENERAL VENTILATION NEEDED TO MAINTAIN CONCENTRATION OF VAPOR OR MIST BELOW APPLICABLE EXPOSURE LIMITS.

Protective Gloves: WHERE SKIN CONTACT IS LIKELY, WEAR CHEMICAL -RESISTANT GLOVES.

Eye Protection: WHERE EYE CONTACT IS LIKELY, WEAR SAFETY GLASSES; CONTACT LENS NOT RECOMMENDED.

Other Protective Equipment: FACILITIES STORING OR USING THIS PRODUCT SHOULD BE EQUIPPED WITH AN EMERGENCY EYEWASH IN THE IMMEDIATE WORK AREA. CLEAN WATER SHOULD BE AVAILABLE IN WORK AREAS FOR FLUSHING THE EYES AND SKIN.

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, OR USING TOBACCO PRODUCTS.

Supplemental Safety and Health: PRODUCT NAME: AMERICA'S CHOICE DIESEL MOTOR OIL SHO-M, AMERICA'S CHOICE DIESEL MOTOR OIL XHD, AMERICA'S CHOICE DIESEL MOTOR OIL XHD-2, INCLUDES GRADES 15W-40; 10W; 30; 40; 50. MIL-PRF-2104G 15W-40;30 40. PRODUCT CODE: PREFIX 22; CONTRACTOR P/N: QPL-#MC-3783

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Physical/Chemical Properties
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HCC: V6

NRC/State LIC No: NOT RELEVANT

Boiling Point: =215.6C, 420.F

B.P. Text: MINIMUM

Melt/Freeze Pt: =-8.7C, 16.F

M.P/F.P Text: POUR POINT

Decomp Text: NOT PROVIDED

Vapor Pres: <0.1MMHG@68F

Vapor Density: >10(AIR=1)

Spec Gravity: 0.88(WATER=1) APPROXIMATE

VOC Pounds/Gallon: 7.3

VOC Grams/Liter: 880

Viscosity: NOT PROVIDED

Evaporation Rate & Reference: 0.001(ETHYL ETHER=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: LIQUID, AMBER, PETROLEUM ODOR.

Perc

ent Volatiles by Volume: NOT PROVIDED

Corrosion Rate: NOT PROVIDED

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.
AVOID HEAT, SPARKS, OR FLAME.

Materials To Avoid: AVOID OXIDIZING AGENTS

Hazardous Decomposition Products: BURNING MAY PRODUCE HYDROGEN SULFIDE, ALKYL
MERCAPTANS, SULFIDES, ADELHYDES, CALCIUM OXIDE
S, SULFUR OXIDES, NITROGEN

OXIDES, CARBON MONOXIDE, AND UNIDENTIFIED ORGANIC COMPOUNDS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: POLYMERIZATION IS NOT KNOWN TO OCCUR UNDER
NORMAL TEMPERATURES AND PRESSURES. NOT REACTIVE WITH WATER.

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Toxicological Information
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Toxicological Information: BASED ON BEST CURRENT INFORMATION, THERE IS NO KNOWN
HUMAN SEN

SITIZATION ASSOCIATED WITH THIS PRODUCT. BASED ON BEST CURRENT
INFORMATION, THERE IS NO KNOWN REPRODUCTIVE TOXICITY ASSOCIATED WITH THIS P
RODUCT. BASED ON BEST CURRENT INFORMATION, THERE IS NO KNOWN TERATOGENICITY
ASSOCIATED WITH THIS PRODUCT. BASED ON BEST CURRENT INFORMATION, THERE IS NO
KNOWN TOXICOLOGICALLY SYNERGISTIC PRODUCTS ASSO CIATED WITH THIS PRODUCT

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Ecological Information
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Ecological: NOT AVAILABLE
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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: CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS
OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZA

TION

ACT (SARA) OF 1986 AND 40 CFR PART 372: PHOSPHORODITHIOIC ACID, O,O-DI-C1
-14-ALKYL ESTERS, ZINC SALTS

Federal Regulatory Information: ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED ON
OR EXEMPTED FROM LISTING ON THE TOXIC SUBSTANCE CONTROL ACT (TSCA)
INVENTORY.

State Regulatory Information: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S)
KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/ OR REPRODUCTIVE HARM:
CAS 75-07-0, CAS 7440-38-2, CAS 71-43-2, CAS 106-99-0, CAS 7440-43-
9, AND 7
439-92-1 FROM ADDITIVES.

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Other Information
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Other Information: NOTE TO PHYSICIAN: NO SPECIFIC ANTIDOTE AVAILABLE. TREAT
SYMPTOMATICALLY AND SUPPORTIVELY. CALL EMERGENCY TELEPHONE NUMBER FOR
ADDITIONAL INFORMATION. ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVA
ILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT
DETERMINED. N/E = NOT ESTABLISHE

D. CNS = CENTRAL NERVOUS SYSTEM. GI =
GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARAT US. CAUTION: USED
OIL CONTAINS COMBUSTION BY-PRODUCTS WHICH MAY BE HARMFUL. AVOID PROLONGED OR
REPEATED SKIN CONTACT. WASH EXPOSED AREAS WITH SOAP AND WATER.

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Transportation Information
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Responsible Party Cage: 30530
Trans ID NO: 157558
Product ID: PREFIX 22, AMERICA'S CHOICE DIESEL MO
TOR OIL(SEE SUPPL)
MSDS Prepared Date: 04/29/1999
Review Date: 06/20/2001
MFN: 1
Net Unit Weight: 403 LBS
Multiple KIT Number: 0
Unit Of Issue: DR
Container QTY: 1
Type Of Container: DRUM
Additional Data: NOT REGULATED FOR TRANSPORTATION, PER MSDS.

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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 Infor
mation
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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: PREFIX 22, AMERICA'S CHOICE DIESEL MOTOR OIL(SEE SUPPL)

Cage: 30530

Company Name: SAFETY-KLEEN CORP

Street: 1301 GERVAIS ST, SUITE 300

City: COLUMBIA SC

Zipcode: 29201

Health Emergency Phone: 1-800-752-7869

La

bel Required IND: Y

Date Of Label Review: 06/20/2001

Status Code: A

MFG Label NO: NOT PROVIDED

Year Procured: 2001

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: NOT PROVIDED. MAY CAUSE EYE IRRITATION.

AVOID CONTACT. IF SWALLOWED, DO NOT INDUCE VOMITING. IN CASE OF EYE CONTACT,
FLUSH WITH WATER.

FOR SKIN, WASH WITH SOAP AND WATER. KEEP AWAY FROM CHILDREN. READ MSDS FOR FURTHER INFORMATION.

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