

SAFETY-KLEEN CORP -- AMERICA'S CHOICE MOTOR OIL (PREFIX 21) -- 9150-01-460-8432

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Product Identification
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Product ID:AMERICA'S CHOICE MOTOR OIL (PREFIX 21)

MSDS Date:05/13/1998

FSC:9150

NIIN:01-460-8432

MSDS Number: CJLVF

=== Responsible Party ===

Company Name:SAFETY-KLEEN CORP

Address:1 BRINCKMAN WAY

City:ELGIN

State:IL

ZIP:60123-7857

Country:US

Info Phone Num:800-669-5740/800-265-2792

Emergency Phone Num:800-752-7869

Resp. Party Other MSDS Num.:82506

CAGE:30530

=== Contractor Identification ===

Company Name:SAFETY-KLEEN CORP

Address:1301 GERVAIS ST, SUITE 300

Box:City:COLUMBIA

State:SC

ZIP:29201

Country:US

Phone:1-803-933-4200

CAGE:30530

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Composition/Information on Ingredients
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Ingred Name:LUBRICATING OILS (PETROLEUM), HYDROTREATED SPENT

CAS:64742-58-1

Minimum % Wt:40.

Maximum % Wt:95.

Other REC Limits:5 MG/CUM (TWA)

Ingred Name:RESIDUAL OILS (P

ETROLEUM), SOLVENT-DEWAXED
CAS:64742-62-7
< Wt:50.
Other REC Limits:5 MG/CUM (TWA) MIST

Ingred Name:HYDROTREATED RESIDUAL OIL (PETROLEUM)
CAS:64742-57-0
< Wt:50.
Other REC Limits:5 MG/CUM (TWA) MIST

Ingred Name:LUBRICATING OILS (PETROLEUM), C>25, HYDROTREATED BRIGHT
STOCK-BASED
CAS:72623-83-7
< Wt:50.
Other REC Limits:5 MG/CUM (TWA) MIST

Ingred Name:BENZENAMINE, N-PHENYL-, REACTION PRODUCTS WITH
2,4,4-TRIMETHYLPENTENE
CAS:68411-46-1
< Wt:1.5

Ingred Name:MINERAL OIL
< W
t:33.

Ingred Name:PHOSPHORODITHIOIC ACID, O,O-DI-C1-14-ALKYL ESTERS, ZINC
SALTS
CAS:68649-42-3
< Wt:1.5

Ingred Name:LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL
OIL-BASED
CAS:72623-86-0
< Wt:25.

Ingred Name:LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL
OIL-BASED, HIGH-VISCOSITY
CAS:72623-85-9
< Wt:25.

Ingred Name:LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL
OIL-BASED
CAS:72623-87-1

===== Hazards Identificatio

n =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: HIGH CONCENTRATION OF VAPOR OR MIST MAY IRRITATE THE RESPIRATORY TRACT. EYE: DIRECT CONTACT WITH PRODUCT MAY CAUSE IRRITATION. SKIN: DIRECT CONTACT WITH PRODUCT MAY CAUSE IRRITATION. INGESTED : 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: PROLONGED OR REPEATED SK IN CONTACT MAY CAUSE DRYING, CRACKING, REDNESS, ITCHING, AND/OR SWELLING. PROLONGED OR REPEATED INHALATION OF OIL MIST MAY CAUSE OIL PNEUMONIA, LUNG TISSUE INFLAMMATION, AND/OR FIBROUS TISSUE FORMATIO N.

Explanation of Carcinogenicity:NONE LISTED.

Effects of Overexposure:IRRITATION ON PROLONGED CONTACT. NAUSEA, VOMITING, DIARRHEA IF INGESTED.

Medical Cond Aggravated by Exposure:INDICIDUAL S WITH PRE-EXISTING

RESPIRATORY TRACT (NOSE, THROAT, AND LUNGS) AND SKIN DISORDERS MAY HAVE INCREASED SUSCEPTIBILITY TO THE EFFECTS OF EXPOSURE.

===== First Aid Measures =====

First Aid:INHALE: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. EYE: FLUSH EYES WITH PLENTY OF WATER, HOLDING EYELIDS APART FOR 15 MINUTES. IF REDNE SS DEVELOPS, MOVE AWAY FROM EXPOSURE. GET MEDICAL

ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH SKIN THOROUGHLY WITH SOAP AND WATER. INGEST: DO NOT INDUCE VOMITING. IMMEDIATELY GET MED ICAL HELP. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS TO AVOID BREATHING THE PRODUCT INTO THE LUNGS.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:=200.C, 392.F

Autoignition Temp:=398.9C, 750.F

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 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. EMERGENCY RESPONSE 171

===== Accidental Release Measures =====

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Spill Release Procedures:REMOVE ALL IGNITION SOURCES. DO NOT TOUCH OR WALK THROUGH SPILLED PRODUCT. STOP LEAK IF YOU CAN WITHOUT RISK. WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA AND AVOID BREATHING VAPOR OR MIST. CONTAIN AWAY FROM SURFACE WATERS AND SEWERS. USE SUITABLE ABSORBENT MATERIAL AND SHOVEL WITH A CLEAN TOOL INTO A SEALABLE CONTAINER FOR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED WHEN

NOT IN USE AND DURING TRANSPORT. STORE IN A COOL, DRY PLACE. DO NOT CUT, WELD, BRAZE, SOLDER, OR DRILL CONTAINERS. KEEP AWAY FROM HEAT, FLAMES, SPARKS OR OTHER SOURCES OF IGNITION.

Other Precautions:EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE AND SHOULD BE HANDLED WITH CAUTION.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH APPROVED RESPIRATORY PROTECTIVE EQUIPMENT WHEN CONCENTRATION OF V

VAPOR OR MIST EXCEEDS APPLICABLE

EXPOSURE LIMITS. A SELF-CONTAINED BREATHING APPARATUS AND FULL-PROTECTIVE EQUIPMENT ARE REQUIRED FOR FIRE EMERGENCIES.

SELECTION AND USE OF RESPIRATORY PROTECTIVE EQUIPMENT SHOULD BE IN ACCORDANCE IN THE USA WITH OSHA GENERAL INDUSTRY STANDARD 29CFR1910.134

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

Protective Gloves:NEOPRENE, NITRILE,OR EQUIVALENT PROTECTIVE GLOVES NOT RUBBER

BER

Eye Protection:WEAR SAFETY GLASSES;CONTACT LENSES NOT RECOMMENDED

Other Protective Equipment:WHERE SPILLS AND SPLASHES ARE LIKELY, WEAR APPROPRIATE CHEMICAL-RESISTANT APRON AND OTHER PROTECTIVE CLOTHING.CLEAN WATER SHOULD BE AVAILABLE IN WORK AREAS FOR FLUSHING EYES AND SKIN.

Work Hygienic Practices:PROVIDE GENERAL VENTILATION NEEDED TO MAINTAIN CONCENTRATION OF VAPOR OR MIST BELOW APPLICABLE EXPOSURE LIMITS. USE LOCAL EXHAUST VENTILATION IF NECESSARY.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V6

Boiling Pt:=215.6C, 420.F

Vapor Pres:10(AIR=1)

Spec Gravity:0.88

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

Solubility in Water:INSOLUBLE

Appearance and Odor:LIQUID, AMBER,PETROLEUM ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability Condition to Avoid:AVOID HEAT,SPARKS,AND FLAME

Hazardous Decomposition P

roducts:NONE UNDER NORMAL TEMPERATURES AND PRESSURES.

Conditions to Avoid Polymerization:POLYMERIZATION IS NOT KNOWN TO OCCUR UNDER NORMAL TEMPERATURES AND PRESSURES.

===== Toxicological Information =====

Toxicological Information:BASED ON BEST CURRENT INFORMATION, THERE IS NO KNOWN HUMAN SENSITIZATION ASSOCIATED WITH THIS PRODUCT. THERE IS NO KNOWN TOXICOLOGICALLY SYNERGISTIC PRODUCTS ASSOCIATED WITH THIS PRODUCT.

===== Ecolog

ical Information =====

Ecological:NOT AVAILABLE.

===== Disposal Considerations =====

Waste Disposal Methods:FOLLOW ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. NOT REGULATED BY USEPA WASTE CODE.

===== MSDS Transport Information =====

Transport Information:NOT REGULATED.

===== Regulatory Information =====

SARA Title III Information:SOME COMPONENT IS 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 COMPOUNDS CATEGORY.

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

State Regulatory Information:CALIFORNIA: THIS PRODUCT CONTAINS ACETALDEHYDE (75-07-0), ARSENIC (7440-38-2), BENZENE (71-43-2), 1,3-BUTADIENE (106-99-0), CADMIUM (7440-43-9), AND LEAD (7439-92-1)

FROM ADDITIVES. THIS PRODUCT MAY CONTAIN DETECTABLE AMOUNT OF BENZO ANTHRACENE (56-55-3), BENZO FLUORANTHENE (207-08-9), BENZO PYRENE (50-32-8), BENZO FLUORANTHENE (205-99-2), CHRYSENE (218-01-9), DIBENZ ANTHRACENE (53-70-3) AND INDA NO PYRENE (193-39-5). THESE MATERIALS ARE LISTED BY CALIFORNIA AS KNOWN CARCINOGENS. OUR TESTING OF THIS PRODUCT INDICATEDS THAT THESE MATERIALS ARE NOT ALWAYS DETECTABLE.

===== Othe
r Information =====

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