

GARD CORPORATION -- GARD HIGH PERFORMANCE 5W-30, 10W-30, 10W-40 -- 9150-01-413-6897
===== Product Identification =====

Product ID:GARD HIGH PERFORMANCE 5W-30, 10W-30, 10W-40

MSDS Date:01/01/1987

FSC:9150

NIIN:01-413-6897

MSDS Number: BYDGG

=== Responsible Party ===

Company Name:GARD CORPORATION

Address:2727 ROE LANE

City:KANSAS CITY

State:KS

ZIP:66103

Country:US

Info Phone Num:913-236-5000

Emerge

ncy Phone Num:913-236-5000

Preparer's Name:ROBER BENTZ

CAGE:3K676

=== Contractor Identification ===

Company Name:UNIMARK OIL COMPANY (FORMERLY GARD OIL)

Address:2727 ROE LANE

City:KANSAS CITY

State:KS

ZIP:66103-1543

Country:US

Phone:913-236-5000; FX 913-236-4419

CAGE:3K676

===== Composition/Information on Ingredients =====

Ingred Name:RE-REFINED HYDROTREATED PETROLEUM LUBRICATING OIL

CAS:64742-62-7

Fraction by Wt: 50-60%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SOLVENT

DEWAXED RESIDUAL OIL (PETROLEUM)

CAS:64742-62-7

Fraction by Wt: 20-25%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPRIETARY ADDITIVES IN CARRIER OIL

Fraction by Wt: 20-25%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC C1-C14 ALKYL DITHIOPHOSPHATE

CAS:68649-42-3

Fraction by Wt: 0-1.2%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingest

ion:YES

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

Health Hazards Acute and Chronic:SKIN:MATL AFT PROL/REP CONTACT MAY

CAUSE IRRIT DUE TO SENSITIZATION,RASH,ERMATITUS.EYE:MATL WILL CAUSE

IRRIT.INHAL:EXCESSIVE HOT VAP/OIL MIST INHAL CAN CASUE NASAL/RESP

IRRIT.INGEST:SYMPTOMS SIMILAR T O INHAL W/ADDN HEALTH CONCERNS SUCH

AS CHEM PNEUMONITIS(ASPIRATION OF CHEM INTO LUNGS).HAS LAXATIVE

PROPERTIES (SUPPLEM)

Explanation of Carcinogenicity:PER MSDS:USED MOTOR OIL HAS BEEN

SHOWN

TO CAUSE SKIN CANC IN CERTAIN LAB ANIMALS CONT EXPO TO USED MOTOR

OIL BY REP APPL

Effects of Overexposure:SKIN IRRIT DUE TO SENSITIZATION,RASH,ERMATITUS.

EYE IRRIT. NASAL/RESPIRATORY IRRIT. CHEMICAL PNEUMONITIS, LAXATIVE

PROPERTIES,NAUSEA,ABDOMINAL CRAMPS,DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE/SKIN:IMMED FLUSH EYE W/LG AMT OF WATER FOR @LEAST
15MIN

S.WASH SKIN AREAS WELL W/SOAP/WATER.REMOVE EXPO CLOTH.IRRIT

PERSIST CONSULT PHYSICIAN.INHAL:REMOVE TO FRESH AIR.NOT BREATH GIVE

ART RESP.DIFF BREATH ADMINISTER OXY.GET PROMPT MED ATTN.INGEST:DO

NOT INDUCE VOMIT.KEEP WARM/QUIET.NEVER GIVE ANYTHING BY MOUTH TO

DROWSY/UNCONSC PERSON.GET IMMED MED ATTN.

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

Flash Point Method:COC

Flash Point:392F,200C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:N/DETERMI

NED

Upper Limits:N/DETERMINED

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, POLYMER FOAM, WATER FOG.

Fire Fighting Procedures:ADDN OF WATER TO BURNING MATL WILL REDUCE INTENSITY OF FLAME BUT SPREAD FIRE.FIREFIGHTERS SHOULD BE EQUIPPED W/APPROPRIATE PROT GEAR,USE MSHA/NIOSH APPROVE(SUP)

Unusual Fire/Explosion Hazard:CNTNR DEVELOP PRESSURE WHEN HEATED;MAY RUPTURE DURING FIRE CAUSING POT EXPLO SITUATION.KEEP SEAL CNTNR COLL W/WATERSPRAY.CNTNR SUED FOR STORAGE MAY RETAIN(SUPP

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

Spill Release Procedures:USE PPE.IMMED TURN OFF/ISOLATE IGN SOURCES.EVACUATE AREA/VENTI.PERSONNEL W/PROPER PPE SHOULD CONTAIN SPILL IMMED W/INERT MATLS(SAND,EARTH,CHEM SPILL PADS OF COTTON)W/DIKES IN MANNER THAT KEEP SPILL AW AY FROM SEWERS/WATERWAYS.LG:CONTAIN.PICKUP(SUPP)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Sto

rage Precautions:DON'T TRANSFER TO UNMARKED

CNTNRS.STORE IN CLSD CNTNRS AWAY FROM HEAT/SPARKS/OPEN FLAME/OXIDIZING MATLS.PROD CLASSIFIED AS COMBUST UNDER DOT REGS.

Other Precautions:FIRE EXTINGUISHERS SHOULD BE KEPT READILY

AVAILABLE.SEE NFPA 30 & OSHA 1910.106-FLAMM/COMBUSTIBLE LIQS.AVOID PROL/REP CONTACT TO SKIN.

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

Respiratory Protection:NONE REQUIRE IF AIRBORNE CONCEN MAINTAIN BEL THRESHHOLD LIMITS.OTHERWI

SE RESPIRATORY PROTECTION PROGRAM MEETING

OSHA 1910.134/ANSI Z88.2 REMQTS MUST BE FOLLOWED.MISTING-WEAR MSHA/NIOSH APPROV/EQUIVA 1 /2MASK FORM DUST/MIST AIR PURI RESPIRATR

Ventilation:USE ADQU VENTI WHEN WORK W/MATL IN ENCLSD AREA.MECH METHODS(FUME HOODS,AREA FANS)USE TO RED LOC VAP/MIST AREA.

Protective Gloves:SOLVT IMPERV-VINYL,PLAST,NITRIL,BUTYL RB

Eye Protection:SAF GLASSES W/SIDESHIELD,VENT GOGG.

Other Protective Equipment:EYEWASH STATIONS,SHOWERS SHOULD BE AVAI IN AREA WHER

E MATL USED/STORED.EYE WARE:ANSI Z87.1 OR APPROVE EQUIV.

Work Hygienic Practices:LAUNDER EXPO CLOTH BEF REUSE.

Supplemental Safety and Health

FIREFIGHTER:BREATH MASK(PRESSURE DEMAND/EQUIVAL). FIRE/EXPLO

HAZ:COMBUST/FLAMM VAP.AVOID HEAT/WELD/CUT/ETC OF EMPTY DR-AVOIDS
POSSIBILITY OF IGN RESIDUE.RETURN DR TO PROPER COLLECTION SITES FOR
DISPO/ RECYC. HEALTH:MAY CAUSE NAU,ABD CRAMPS,DIARR. SPILL:W/EXPLO
PROOF/NONSPARK VAC PUMPS/SHOVEL/ETC & NOTIFY AUTHORITIES.

===== Ph

ysical/Chemical Properties =====

HCC:V6

Boiling Pt:B.P. Text:>500F,>260C

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:1

Spec Gravity:0.88 @15.6C

pH:NP

Viscosity:NP

Evaporation Rate & Reference:N/DETERMINED.

Solubility in Water:NOT SOLUBLE.

Appearance and Odor:AMBER-BROWN FLUID W/CHARACTERISTIC PETROLEUM ODOR.

Percent Volatiles by Volume: