

GARD CORPORATION -- GARD HIGH PERFORMANCE SAE 10W-30 -- 9150-01-227-8210

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Product Identification  
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Product ID:GARD HIGH PERFORMANCE SAE 10W-30

MSDS Date:09/11/1997

FSC:9150

NIIN:01-227-8210

MSDS Number: CFVXD

=== 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

Emergency Phone Num:913-236-

5000

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

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Composition/Information on Ingredients  
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Ingred Name:PARAFINNIC DISTILLATE

Fraction by Wt: 75-85%

Other REC Limits:5 MG/M3

Ingred Name:PROPRIETARY ADDITIVES

Fraction by Wt: 15-25%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHOSPHORODITHOIC A

CID, O-O-D1 C1-14-ALKYL ESTERS, ZINC

SALTS (2:1) (ZDDP)

CAS:68649-42-3

Fraction by Wt: < 0.5%

Other REC Limits:5 MG/M3 OIL MIST

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. HOT VAPORS MAY CAUSE RESPIRATORY IRRITATION.

HARMFUL IF SWALLOWED. ASPIRATION MAY LEAD TO CHEMICAL PHEUMONITIS.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, DERMATITIS, SKIN DRYNESS/CHAPPING/REDDENING OF SKIN, NAUSEA, HEADACHE, WEAKNESS, PULMONARY EDEMA, HEMORRHAGE, DEATH, INCREASED RESPIRATORY RATE, INCREASED HEART RATE, BLUISH DISCOLORATION OF THE SKIN, ABDOMINAL CRA MPS, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY GIVE 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. GET MD.

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

Flash Point Method:COC

Flash Point:410F,210C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

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

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE BUT MAY BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME. CAUTION SHOULD BE EXERCISED WHEN USING WATER OR FOAM;FROTHING

MAY OCCUR.

Unusual Fire/Explosion Hazard:DENSE SMOKE MAY BE GENERATED WHILE BURNING. TOXIC FUMES, GASES OR VAPORS MAY EVOLVE ON BURNING. HEAVY FLAMMABLE VAPORS MAY TRAVEL TO LOW AREAS AND IGNITE.

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

Spill Release Procedures:IMMEDIATELY TURN OFF ANY SOURCE OF IGNITION. EVACUATE AREA AND VENTILATE. CONTAIN MATERIAL AND COLLECT FOR DISPOSAL. PREVENT MATERIAL FROM ENTERING SEWERS OR WATERWAYS. IF A LARGE SPILL OCC

URS NOTIFY APPROPRIATE AUTHORITIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT TRANSFER TO UNMARKED CONTAINERS. FIRE EXTINGUISHERS SHOULD BE KEPT READILY AVAILABLE.

Other Precautions:SEE NFPA 30 AND OSHA 1910.106--FLAMMABLE AND COMBUSTIBLE LIQUIDS. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE WHICH MAY EXHIBIT HAZARDS OF MATERIA

L, THEREFORE DO NOT PRESSURIZE, CUT, GLAZE, WELD OR USE FOR ANY OTHER PURPOSES.

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

Respiratory Protection:NONE REQUIRED IF AIRBORNE CONCENTRATIONS ARE MAINTAINED BELOW THRESHOLD LIMITS. OTHERWISE A RESPIRATORY PROTECTION PROGRAM MEETING OSHA REQUIREMENTS MUST BE FOLLOWED.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:NEOPRENE OR NITRILE RUBBER.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

CONSUMPTION OF FOOD AND DRINK SHOULD BE AVOIDED IN WORK AREAS WHERE PRODUCT IS PRESENT.

===== Physical/Chemical

Properties =====

HCC:V6

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NEGLIGIBLE

Vapor Density:> 1

Spec Gravity:0.877

Evaporation Rate & Reference:NEGLIGIBLE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER, CLEAR FLUID, MILD PETROLEUM HYDROCARBON ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH ACIDS AND OXIDIZING MATERIALS.

Stability Condition to Avoid:AVOID HIGH TEMPERATURES AND PRODUCT CONTAMINATION.

Hazardous Decomposition Products:OXIDES OF CARBON ZINC, CALCIUM, MAGNESIUM, PHOSPHORUS AND SULFUR, HYDROGEN SULFIDE, ALKYL MERCAPTANS, OTHER SULFIDES.

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

Waste Disposal Methods:ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS. THE MATERIAL IF SPILLED OR DISCARDED MAY BE A REGULATED WASTE. REFER TO STATE AND LOCAL REGULATIONS.

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