

GARD CORPORATION -- GARDFLEET SAE 10, 30 AND 40 I/A/W MIL-L-2104F -- 9150-00-186-6668  
===== Product Identification =====

Product ID:GARDFLEET SAE 10, 30 AND 40 I/A/W MIL-L-2104F

MSDS Date:03/28/1994

FSC:9150

NIIN:00-186-6668

MSDS Number: BYVVF

=== 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

Em

ergency 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

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

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: 80-90%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:PROPRIETARY ADDITIVES  
Fraction by Wt: 8-16%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC COMPOUNDS  
Fraction by Wt: 0.14%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE-MAY CAUSE TRANSIENT IRRITATION.  
INHALATION-INHALATION OF HEATED VAPORS MAY CAUSE IRRITATION OF THE  
LUNGS. INGESTION-MAY CAUSE GASTROINTESTINAL IRRITATION.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:SKIN CONTACT-PROLONGED OR REPEATED SKIN CONTACT  
MAY CAUSE IRRITATION, RASH OR DERMATITIS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYE-WASH WITH LARGE VOLUMES OF WATER FOR 10 MIN. GET MEDICAL  
ATTENTION. SKIN-REMOVE ANY CONTAMINATED CLOTHING AS SOON AS  
POSSIBLE. WASH EXPOSED SKIN THOROUGHLY WITH SOAP & WATER. GET  
MEDICAL ATTENTION . INHALATION-REMOVE PERSON TO FRESH AIR IF  
OVEREXPOSURE OCCURS. ADMINISTER ARTIFICIAL RESPIRATION SHOULD  
BREATHING STOPS. INGESTION-DO NOT INDUCE VOMITING IF LARGE AMOUNTS  
ARE SWALLOWED. SEE PHYSICIAN

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Fire Fighting Measures  
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Flash Point Method:CO  
C  
Flash Point:438F,226C  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures  
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Spill Release Procedures:NOTIFY APPROPRIATE AUTHORITIES OF SPILL.  
CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR  
WATER COURSES. ABSORB WITH APPROPRIATE INERT MAT

ERIAL SUCH AS SAND,  
CLAY, ETC. LARGE AMOUNTS MAY PICKED UP USING VACUUM PUMPS & PLACE  
IN DRUMS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT TRANSFER TO UNMARKED  
CONTAINERS. STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN  
FLAMES, OR OXIDIZING MATERIALS.

Other Precautions:THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS UNDER DOT  
REGULATIONS. FIRE EXTINGUISHERS SHOULD BE KEPT READILY AVAILABLE.  
SEE NFPA 30 AND OSHA 1910.106-FLAMMABLE AND COMBUSTIBLE LIQUIDS.

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

Respiratory Protection:NOT REQUIRED UNLESS WORKING IN AN AREA WITH  
CONCENTRATIONS OF HEATED VAPORS.

Ventilation:NO SPECIAL REQUIREMENTS, UNLESS WORKING IN AN AREA WHERE  
MATERIAL IS HEATED OR BURNED.

Protective Gloves:RUBBER OR PLASTIC GLOVES.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipme

nt:RUBBER APRON, IF HANDLING IN BULK  
QUANTITIES.

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

Supplemental Safety and Health

THE INGREDIENTS LISTED ARE THE SAME AS P/N A, HOWEVER THE PHYSICAL  
PROPERTIES FOR THIS FORMULATION ARE DIFFERENT.

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

HCC:V6

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

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

Vapor Pres:NOT GIV

EN

Vapor Density:>1

Spec Gravity:0.88

Evaporation Rate & Reference:NIL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER LIQUID WITH OILY ODOR.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS.

Stability Condition to Avoid:TEMPERATURES OVER 220C.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE AND  
NOXIOUS SMOKE.

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===== Disposal Considera

tions =====

Waste Disposal Methods:ALL DISPOSAL MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS. CAUTION! SHOULD REGULATED SOLVENTS BE USED TO CLEAN UP SPILLED MATERIAL, THE RESULTING WASTE MIXTURE MAY BE REGULATED. MATERIAL MAY BE RECYCLED IF POSSIBLE.

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