Info Phone Num:913-236-5000

Emergency Phone Num:913-236-5000

Preparer's Name: ROBERT BE

NTZ, CHEMIST 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: SEVERELY HYDROTREATED PETROLEUM HYDROCARBON BASE STOCK; (RE-REFINED HYDROTREATED PETROLEUM LUBRICATING OIL)

CAS:64742-58-1

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 (CAS # MIXTURE)

Fraction by Wt: 20-25%

Other REC Limits: NONE RECOMMENDED

Ingred Name:PHOSPHORODITHOIC ACID, O-O-D1 C1-14-ALKYL ESTERS, ZINC

SALTS (2:1) (ZDDP);(ZINC C1-C4 ALKYLDITHIOPHOSPHATE)

CAS:68649-42-3 Fraction by Wt: 0-1.2%

Other REC Limits: NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN:MATL AFT PROLONGED/REPEAT CONTACT MAY CAUSE IRRIT DUE TO SENSITIZATION,RASH,ERMATITUS. EYE:MATL WILL CAUSE IRRIT. INHAL:EXCESSIVE INHAL OF HOT VAP/OIL MISTS CAN CAUSE NASAL & RESP IRRIT. INGEST:S YMPTOMS SIMILAR TO INHAL W/ADDN HEALTH CONCERNS SUCH AS CHEM PNEUMONITUS(ASPIRATION OF CHEM INTO LUNGS).PROD HAS (SUPPL)

Explanation of Carcinogenicity:PER MSDS:USED MOTOR OIL SHOWN TO CAUSE SKIN CANCER IN CERTAIN LAB ANIMALS CONINUALLY EXPO TO MATL BY REPEATED APPLICATIO

Effects of Overexposure:EYE IRRIT, SKIN IRRITATION DUE TO SENSITIZATION/RASH/ERMATITUS. NASAL/RESP IRRIT. CHEMICAL PNEUMONITUS FROM ASPIRATION OF FLUID INTO LUNGS, LAXATIVE, NAUSEA, ABDOMINAL CRAMPS, DIARRHEA.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE/SKIN:IMMED FLUSH EYES W/LG AMT OF WATER FOR @LEAST 15MINS.WASH AFFECTED SKIN AREA THOROUGHLY W/SOAP/WATER.REMOVE CONTAMIN CLOTH.IRRIT PERSIST CONSULT PHYSICIAN. INHAL:REMOVE TO FRESH AIR.NOT BREAT H GIVE ART RESP.DIFFICULTY BREATH ADMINISTER OXY.GET PROMPT MED ATTN. INGEST:DO NOT INDUCE VOMIT.KEEP PERSON WARM/QUIET.NEVER GIVE ANYTHING BY MOUTH TO DROWSY/UNCONSC PERSON.GET IMMED MED ATTN.

 Fire Fighting Measures	=

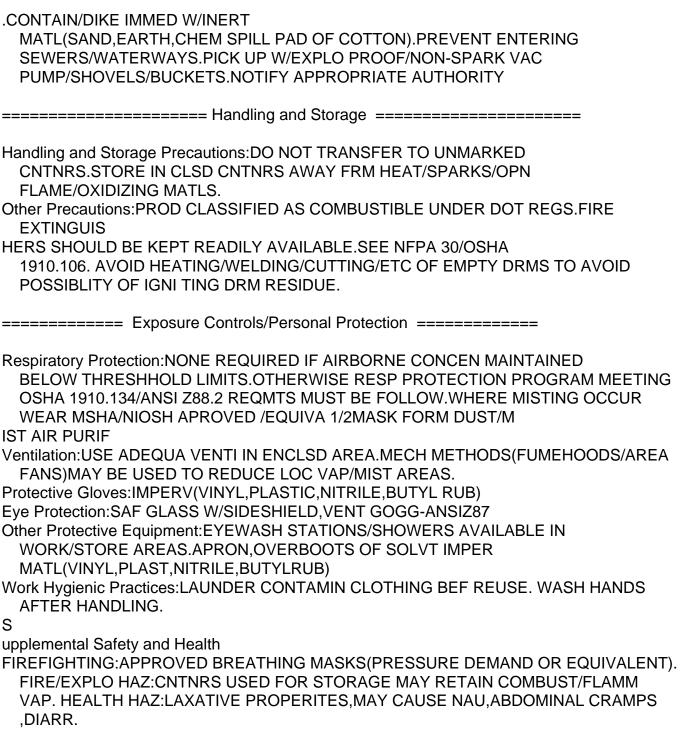
Flash Point: 200F, 93C MIN.

Extinguishing Media:WATER FOG, POLYMER FOAM, DRY CHEMICAL/CARBON DIOXIDE. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

	Accidental Release Measures	
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Spill Release Procedures: USE PPE.IMMED TURN OFF/ISOLATE IGN SOURCES. EVACUATE/VENTILATE



upplemental Safety and Health

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

HCC:V6

NRC/State Lic Num: NOT RELEVANT Boiling Pt:B.P. Text:>500F,>260C

Vapor Pres:1 Spec Gravity:0.88

Solubility in Water: INSOLUBLE

Appearance and Odor: AMBER-BROWN FLUID WITH A C

HARACTERISTIC PETROLEUM ODOR

Percent Volatiles by Volume: