

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 586 L,LUB OIL/MIL-PRF-6086 E -- 9150-00-265-9417

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Product Identification  
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Product ID:ROYCO 586 L,LUB OIL/MIL-PRF-6086 E

MSDS Date:11/17/1992

FSC:9150

NIIN:00-265-9417

MSDS Number: BDRFP

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:MERRY LN

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887

-7410/201-887-8404

Emergency Phone Num:201-887-7410/800-424-9300(CHEMTREC)

CAGE:07950

=== Contractor Identification ===

Company Name:EMULTEC INDUSTRIAL PRODUCTS INC

Address:1150 HAYDEN DR SUITE 100

Box:City:CHARROLLTON

State:TX

ZIP:75006

Country:US

Phone:972-417-1288

CAGE:0WA27

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:215 MERRY LN

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Phone:973-887-7411/7410

CAGE:07950

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Composition/Information on Ingredients  
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Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES,HYDROTREATED  
(MILD),HEAVY PARAFFINIC  
CAS:64742-54-7  
RTECS #:PY8035500  
Fraction by Wt: 40 - 59%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SEVERELY HYDROTREATED LIGHT NAPHTHENIC DISTILLATE/MINERAL  
OIL  
CAS:64742-53-6  
RTECS #:PY8036000  
Fraction by Wt: 40 - 59%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SULFURIZED HYDROCARBONS/ISOBUTYLENE  
CAS:68511-50-2  
Fraction by Wt: 1 - 5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVES  
Fraction by Wt: < 2%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY  
& GI TRACTS. ACUTE- LUBRICATING OILS ARE GENERALLY CONSIDERED NO  
MORE THAN MINIMALLY IRRITATING TO EYES & SKIN. INHALATION OF VAPOR  
(GENERATED AT HIGH TEMPERATURES ONLY)/OIL MIST MAY CAUSE MILD  
IRRITATION OF RESPIRATORY TRACT. SLIGHTLY TOXIC IF SWALLOWED.  
CHRONIC- DERMATITIS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, DERMATITIS  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS OR EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE E

EFFECTS OF  
THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: FLUSH WITH WATER & WASH WITH SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES ARE INGESTED. HOWEVER, GET MEDICAL ADVICE.

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

Flash Point Method:COC

Flash Point:351F,177C

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.

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

Unusual Fire/Explosion Hazard:TOXIC GASES MAY BE FORMED.

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

Spill Release Procedures:PICK UP SPILL WITH INERT MATERIAL SUCH AS SAND, CLAY/PUMP. SHOVEL INTO CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER WATERWAYS, SEWERS. THIS IS AN OIL. SPILLS INTO OR LEADING TO SURFACE WATER THAT CAUSE A SHEEN MUST BE REPORTED: 800-424-8802.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED PLACE AWAY FROM OPEN FLAMES & STRONG OXIDIZERS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. LAUNDER CLOTHING BEFORE REUSE. AVOID INHALING MISTS. EMPTY CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS DUE TO THE RETENTION OF RESIDUE S. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKING IN CONFINED AREAS, IF EXCESSI

VE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED ORGANIC VAPO R RESPIRATOR.

Ventilation:GENERAL ROOM VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:NITRILES FOR PROLONGED/REPEATED CONTACT

Eye Protection:SAFETY GOGGLES IF SPLASHING ANTICIPATED

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL H YGIENE PRACTICES AND

RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS (MOST OILS AND GREASES).

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>525F,>274C

Melt/Freeze Pt:M.P/F.P Text:-13F,-25C

Spec Gravity:0.89

Viscosity:26.2 CS @100F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SLIGHT YELLOW TINT LIQUID - SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:FLAMES, HEAT

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES & GASES CARBON MONOXIDE, CO2, SULFUR OXIDES, HYDROGEN SULFIDE

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

Waste Disposal Met

hods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY

IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

INCINERATION OR REUSING IS RECOMMENDED.

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