

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 586L -- 9150-00-265-9417

===== Product Identification =====

Product ID:ROYCO 586L

MSDS Date:07/18/1995

FSC:9150

NIIN:00-265-9417

MSDS Number: CJXJR

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Box:518

City:E. HANOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-7410

Emergency Phone Num:201-887-7411

Resp. Party Other MSDS Num.:

750,006-2

Preparer's Name:NOT PROVIDED.

Chemtrec Ind/Phone:(800)424-9300

CAGE:07950

=== Contractor Identification ===

Company Name:EMULTEC INC

Address:1150 HAYDEN DR SUITE 100

Box:City:CARROLLTON

State:TX

ZIP:75006

Country:US

Phone:972-417-1288

Contract Num:SP0450-01-M-C369

CAGE:0HD15

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

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SU

ITE 120  
Box:City:GRETNA  
State:LA  
ZIP:70056  
Country:US  
Phone:504-366-9105  
Contract Num:SP0450-00-M-C048  
CAGE:0PGK2

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Composition/Information on Ingredients  
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Ingred Name:SOLVENT REFINED HYDROTREATED HEAVY PARAFFINIC DIST  
CAS:64742-54-7  
RTECS #:PY8035500  
Minumum % Wt:40.  
Maxumum % Wt:60.

Ingred Name:SEVERELY HYDROTREATED LIGHT NAPHTHENIC DIST.  
CAS:64742-53-6  
RTECS #:PY8036000  
Minumum % Wt:40.  
Maxumum % Wt:60.

Ingred Name:SULFURIZED HYDROCARBONS  
CAS:68511-50-2  
Minumum  
% Wt:1.  
Maxumum % Wt:5.

Ingred Name:MINOR ADDITIVES  
&lt; Wt:2.

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Hazards Identification  
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LD50 LC50 Mixture:NOT AVAILABLE.  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE CONTACT: LUBRICATING BASE OILS ARE  
GENERALLY CONSIDERED NO MORE THAN MINIMALLY IRRITATING TO THE EYES.  
SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN  
DISORDERS SUCH AS DERMATIT IS, FOLLICULITIS OR OIL ACNE.

INHALATION: INHALATION OF VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MIST FROM THIS PRODUCT MAY CAUSE MILD IRRITATION TO THE MUCOUS MEMBRANES OF THE RESPIRATORY TRACT. INGESTION: LUBRICATING BASE OILS ARE GENERALLY CONSIDERED NO MORE THAN SLIGHTLY TOXIC IF SWALLOWED.

Explanation of Carcinogenicity: THIS PRODUCT DOES NOT CONTAIN ANY CARCINOGEN AS IDENTIFIED BY IARC, NTP, OR OSHA.

Effects of Overexposure: IRRITATION AS NOTED ABOVE.

Medical Cond Aggravated by Exposure: P  
REEXISTING SKIN AND RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid: EYE CONTACT: FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING/SHOES AND WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER, FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING  
UNTIL CLEANED. INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ADVICE.

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

Flash Point Method: COC

Flash Point: =177.2C, 351.F

Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT USE A DIRECT

STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures: MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACESHIELD, BUNKER COAT, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: SULFUR OXIDES AND HYDROGEN SULFIDE, BOTH ARE TOXIC, M

AY BE RELEASED UPON COMBUSTION.

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

Spill Release Procedures:LARGE SPILLS: WEAR RESPIRATORY AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILLS. REMOVE WITH VACUUM TRUCK OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE OR SMALL SPILLS WITH INERTMATERIAL SUCH AS SAND, CLAY, EARTH. SHOVEL INTO CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF FROM ENTERING SEWERS.

FLUSH AREA WITH

WATER TO REMOVE TRACE RESIDUE.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTH

ING BEFORE REUSE.  
PROPERLY DISPOSE OF LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29CFR1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protectiv

e Gloves:WEAR GLOVES TO MINIMIZE CONTACT

Eye Protection:CHEMICAL RESISTANT SAFETY GOGGLES AS APPROPRIATE

Other Protective Equipment:WEAR OTHER CLOTHING TO AS REQUIRED MINIMIZE CONTACT.

Work Hygienic Practices:MINIMIZE SKIN CONTACT. WSASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS,OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH

VISCOSITY, LOW VOLATILITY PRODUCTS, E.G., MOST OILS AND GREASES.

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

HCC:V6

Boiling Pt:>273.9C, 525.F

B.P. Text:APPROXIMATE

Melt/Freeze Pt:=-24.7C, -12.5F

M.P/F.P Text:APPROXIMATE

Vapor Pres:NOT AVAILABLE

Vapor Density:N/A (AIR=1

Spec Gravity:0.89

Evaporation Rate & Reference:NOT AVAILABLE.

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SLIGHT YELLOW TINT WITH SLIGHT HYDROCARBON ODOR.

===== Stability and Re  
activity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT AND FLAME

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID,  
LIQUID, PARTICULATES AND GASES WILL EVOLVE. CARBON MONOXIDE,  
SULFUR OXIDES AND OTHER TOXIC FUMES AND OTHER UNIDENTIFIED ORGANIC  
COMPOUNDS MAY BE FORMED.

===== Toxicological Information =====

Toxicological Informatio

n:INGREDIENT # 2: LD50 (ORAL, RAT) > 5,000

MG/KG ACUTE DERMAL LD50 > 2.0 G/KG (RABBIT).

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY MANUFACTURER

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

Waste Disposal Methods:PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN  
COMPLIANCE WITH LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DEPARTMENT OF TRANSPOR

RTATION CLASSIFICATION: NOT  
HAZARDOUS BY D.O.T. REGULATIONS.

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Regulatory Information  
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SARA Title III Information: UNDER EPA-CWA. THIS PRODUCT IS CONSIDERED AN OIL UNDER 311. SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

Federal Regulatory Information: THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

State Regulator

Information: NO DATA PROVIDED BY MANUFACTURER

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Other Information  
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