

ROYAL LUBRICANTS COMPANY INC. -- ROYCO(R) 13CF -- 9150-00-141-6770

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

Product ID:ROYCO(R) 13CF

MSDS Date:07/24/1996

FSC:9150

NIIN:00-141-6770

MSDS Number: CGMTB

=== 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

Emergency Phone Num:201-887-7411

Res

p. Party Other MSDS Num.:710,094

Chemtrec Ind/Phone:(800)424-9300

CAGE:07950

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT

Address:2275 TUCKER INDUSTRIAL RD

Box:City:TUCKER

State:GA

ZIP:30084

Country:US

Phone:770-938-4513/FAX 770-938-3966

Contract Num:SP0450-00-M-C387

CAGE:1MDA6

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

===== Composition

/Information on Ingredients =====

Ingred Name:PHENYLMETHYLSILOXANE
CAS:63148-52-7
Minumum % Wt:40.
Maxumum % Wt:50.
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM SULFONATE
CAS:25619-56-1
Minumum % Wt:1.
Maxumum % Wt:2.
Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVES
Minumum % Wt:5.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYTETRAFLUOROETHYLENE
CAS:9002-84-0
RTECS #:KX4025000
Minumum % Wt:40.
Maxumum % Wt:50.

===== Hazards I
dentification =====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:INHALING FUMES OF DECOMPOSITION

PRODUCTS CAN INDUCE TEMPORARY INFLUENZA-LIKE SYMPTOMS. EYE CONTACT
MAY BE IRRITATING/CORROSIVE. PROLONGED OR REPEATED SKIN CONTACT MAY
CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR
OIL ACNE. RELEASE DURI
NG HIGH PRESSURE INTO SKIN MAY CAUSE LOCAL
NECROSIS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:BASED ON PRESENCE OF BARIUM DINONYLNAPHTHALENE
SULFONATE, PRODUCT MAY BE CORROSIVE TO EYES AND A SENSITIZER TO
SKIN. EYE IRRITATION, SKIN IRRITATION, RASH, HIVES, FEVER, COUGH,
MALAISE, PAIN, TISSUE D AMAGE.

Medical Cond Aggravated by Exposure:PREE

XISTING EYE AND SKIN DISORDERS

MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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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. IN GENERAL,

NO TREATMENT NECESSARY UNLESS LARGE QUANTITIES INGESTED. THEN CALL PHYSICIAN.

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

Flash Point Method:PMCC

Flash Point:≈204.4C, 400.F

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/

Explosion Hazard:DO NOT USE A DIRECT STREAM OF WATER.

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

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:RECOMMENDED FOR REPEATED

CONTACT

Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO MINIMIZE 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
FORMULATION CHANGE.

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

HCC:V6

Boiling Pt:B.P. Text:
NOT GIVEN

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

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:< 1

Viscosity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:SMOOTH WHITE SEMI-SOLID, SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:CA

RBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN

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

Toxicological Information:NOT PROVIDED

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

Ecological:PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT.

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

Waste Disposal Methods:THIS PRODUCT CONTAINS BARIUM. UNDER EPA-RCRA MAY BE HAZARDOUS WASTE NUMBER D0005,

DEPENDING ON TCLP RESULTS. DIPOSE
OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL
REGULATIONS.

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

Transport Information:NOT REGULATED

===== Regulatory Information =====

SARA Title III Information:UNDER SECTION 313 OF SATA TITLE II PRODUCT
CONTAINS BARIUM COMPOUNDS. CLASSED AS AN ACUTE HEALTH HAZARD UNDER
SECTION 311/312.

Federal Regulatory Information:LISTED ON EPA/T
SCA INVENTORY

State Regulatory Information:NOT PROVIDED

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