

ROYAL LUBRICANTS COMPANY INC. -- ROYCO (R) 27 -- 9150-00-985-7248

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Product Identification
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Product ID:ROYCO (R) 27

MSDS Date:05/01/1998

FSC:9150

NIIN:00-985-7248

Status Code:A

MSDS Number: CJVLJ

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936-0518

Country:US

Info Phone Num:973-837-7410

Emergency Phone Num:973-837-7410

Res

p. Party Other MSDS Num.:MSDS # 710,009-2

Preparer's Name:PRODUCT SAFETY RLC INC

Chemtec Ind/Phone:(800)424-9300

CAGE:07950

=== Contractor Identification ===

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

Contract Num:SP0450-00-D-4004

CAGE:07950

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Composition/Information on Ingredients
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Ingred Name:PRODUCT: ROYCO 27, LUBRICATING GREASE

= Wt:100.

Ingred Name:SYNTHETIC ES

TER
CAS:1330-86-5
Minumum % Wt:75.
Maxumum % Wt:85.

Ingred Name:LITHIUM HYDROXYSTEARATE
CAS:7620-77-1
Minumum % Wt:10.
Maxumum % Wt:15.

Ingred Name:ANTIMONY DIALKYDITHIOCARBAMATE
CAS:15991-76-1
Minumum % Wt:1.
Maxumum % Wt:2.

Ingred Name:P,P'-DIOCTYLDIPHENYLAMINE
CAS:68411-46-1
Minumum % Wt:1.
Maxumum % Wt:2.

Ingred Name:MINOR ADDITIVES
< Wt:4.

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

LD50 LC50 Mixture:ACUTE ORAL LD50: N/P.

Routes of Entry: Inhalation:YES Sk
in:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: EYES: CONTACT MAY BE SLIGHTLY
IRRITATING. SKIN; PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS
SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS, OR OIL ACNE.
RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL
INTO THESKIN CAUSING NECROSIS. INHALATION: NOT A RELEVANT ROUTE OF
EXPOSURE, HOWEVER, UNDER HIGH TEMPERATURE CONDITIONS VAPORS
IRRITATING

TO THE NOSE, THROAT, AND UPPER RESPIRATORY TRACT MAY BE
PRODUCED. INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.

CHRONIC:THIS SPECIFIC PRODUCT HAS NOT BEEN TESTED IN LONG-TERM,
CHRONIC EXPOSURE TESTS.

Effects of Overexposure:EYE CONTACT: IRRITATION. SKIN CONTACT:
DERMATITIS, FOLLICULITIS, OIL ACNE. LOCAL NECROSIS, EVIDENCED BY
DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING
INJECTION. INHALATION: IRRITATIO N OF NOSE, THROAT AND UPPER
RESPIRATORYTRACT.

INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.

Medical Cond Aggravated by Exposure:PREEXISTING EYE AND SKIN DISORDERS
MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WIPE EXCESS OFF. WASH WITH SOAP AND WATER OR WATERLESS HAND CLEANER FOLLOWED BY SOAP AND WATER. IF IRRITATION

PERSISTS, GET

MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY. INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT INGESTED. GET MEDICAL ADVICE.

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

Flash Point:NOT AVAILABLE

Autoignition Temp:Autoignition Temp Text:NOT AV

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Lower Limits:NOT AVAILABL

Upper Limits:NOT AVAILABL

Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

===== Accident
al Release Measures =====

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER. PREVENT SPILL FROM ENTERING SEWERS, SURFACE WATERS OR ANY WATER COURSES. ANY SPILLS ENTERING SURFACE WATERS OR ANY WATERCOURSES OR SEWERS ENTERING/LEAVING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO NATIONAL RESPONSE CENTER 800-424-8802.

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

Handling and Storage Precaution

s:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.
Other Precautions:PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.

Protective Gloves:USE OIL RESISTANT GLOVES.

Eye Protection:EYE PROTECTION SHOULD BE WORN DURING HIGH PRESSURE APPLICATIONS.

Other Protective Equipment:USE OIL RESISTANT CLOTHING AS NEEDED TO MINIMIZE SKIN CONTACT.

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:B.P. Text:NOT AVAILABLE

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

Vapor Pres:NOT AVAILABLE

Vapor Density:NOT AVAILA

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:INSOLUBLE

Appearance and Odor:TAN, SMOOTH, SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, OPEN FLAME.

Hazardous Decomposition Products:AIRBORNE SOLIDS AND LIQUID PARTICULATES AND GASES WILL EVOLVE WHEN MATERIAL UNDERGOES PYROLYSIS OR COMBUSTION. CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE

FORMED UPON COMBUSTION.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Ecological:THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. EPA- CLEAN WATER ACT (CWA): THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING SURFACE WATERS OR ANY WATERCOURSES OR SEWERS ENTERING/LEAVING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802. UNDER SARA TITLE III , SECTION 313, THIS PRODUCT CONTAINS ANTIMONY COMPOUNDS.

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

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

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

Transport Information:DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT HAZARDOUS BY D.O.T. REGULATION S.

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

SARA Title III Information:UNDER SARA TITLE III, SECTION 313, THIS PRODUCT CONTAINS ANTIMONY COMPOUNDS.

===== Other Information =====

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