

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 27 -- 9150-00-985-7244

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

Product ID:ROYCO 27
MSDS Date:09/25/1998
FSC:9150
NIIN:00-985-7244
Status Code:A
MSDS Number: CKSRC
=== Responsible Party ===
Company Name:ROYAL LUBRICANTS COMPANY INC.
Address:MERRY LN
Box:518
City:EAST HANOVER
State:NJ
ZIP:07936-0518
Country:US
Info Phone Num:973-887-7411
Emergency Phone Num:(800)424-9300
Resp. Party Other MSDS Num.:710,009-2
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-C845
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

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Composition/Information on Ingredients =====

Ingred Name:SYNTHETIC ESTER

CAS:1330-86-5

Minumum % Wt:75.

Maxumum % Wt:85.

Ingred Name:LITHIUM 12-HYDROXYSTEARATE

CAS:7620-77-1

Minumum % Wt:10.

Maxumum % Wt:15.

Ingred Name:P,P'-DIOCTYLDIPHENYLAMINE

CAS:68411-46-1

Minumum % Wt:1.

Maxumum % Wt:2.

Ingred Name:ANTIMONY DIALKYLDITHIOCARBAMATE

CAS:15991-76-1

Minumum % Wt:1.

Maxumum % Wt:2.

Ingred Name:MINOR ADDITIVES

< Wt:4.

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

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

Health Hazards Acute and Chronic:EYE CONTACT: MAY BE SLIGHTLY

IRRITATING TO THE EYES. SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS

OR OIL ACNE. RELEASE DURING HIGH PRES SURE USAGE MAY RESULT IN

INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION:

NOT EXPECTED TO BE A RELEVANT ROUTE OF EXPOSURE, HOWEVER, UNDER HIGH TEMPERATURE CONDITI

ONS, VAPORS IRRITATI NG TO THE NOSE, THROAT

AND UPPER RESPIRATORY TRACT MAY BE PRODUCED. INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.

Effects of Overexposure:IRRITATION AS NOTED ABOVE. LOCAL NECROSIS IS

EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PREEXISTING EYE AND SKIN DISORDERS

MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATT'N. SKIN: REMOVE CONTAMINATED CLOTHING & WIPE EXCESS OFF. WASH WITH SOAP & WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP & WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. IF IRRITATION PERSISTS, GET MEDICAL ATT'N. IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATT'N PROMPTLY TO PREVENT SERIOUS DAMAGE. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALATION: REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATT'N. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ADVICE.

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

Flash Point:N/AV
Lower Limits:N/AV
Upper Limits:N/AAV
Extinguishing Media:USE WATER FOG, 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: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.

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

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

===== 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 OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES: INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.
Protective Gloves:OIL RESISTANT
Eye Protection

:EYE PROTECTION SHOULD BE WORN IF USED IN HIGH PRESSURE APPLICATIONS.

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

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

Evaporation Rate & Reference:NA

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 AND CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID PARTICULATES AND GASES WILL EVOLVE WHEN THIS MATERIAL UNDERGOES PYROPYSIS OR COMBUSTION. CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS M

AY BE FORMED.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

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

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

Transport Information:NOT HAZARDOUS BY DOT REGULATIONS.

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

SARA Title III Information:UNDER SARA TITLE III, SECTION

313, THIS

PRODUCT CONTAINS ANTIMONY COMPOUNDS.

Federal Regulatory Information: EPA CLEAN WATER ACT- THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING (A) SURFACE WATERS OR (B) ANY WATERCOURSES OR SEWERS ENTERING/LEAVING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

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