

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 634 -- 9150-01-053-6688

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

Product ID:ROYCO 634

MSDS Date:06/11/1996

FSC:9150

NIIN:01-053-6688

MSDS Number: CBQPL

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:72 EAGLE ROCK AVE

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-3100

Emergency Phone Num:201-887-7411

Re

sp. Party Other MSDS Num.:MIL-L-63460D ROYAL MSDS NO> 730,003-2

Chemtec Ind/Phone:(800)424-9300

CAGE:07950

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

Contract Num:SP045000D0003

CAGE:4N760

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:HIGHLY REFINED PETROLEUM OILS

Minumum % Wt:30.

Maxumum % Wt:40.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:CALCIUM DINONYLNAPHTHALENESULFONATE

CAS:57855-77-3

Minumum % Wt:5.

Maxumum % Wt:10.

Other REC Limits:NONE RECOMMENDED

Ingred Name:NON-HAZARDOUS COMPONENTS

Minumum % Wt:50.

Maxumum % Wt:70.

Other REC Limits:NONE RECOMMENDED

===== Hazards Identifi
cation =====

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:EYE,SKIN,RESPIRATORY SYSTEM** MAY BE IRRITATING TO EYES & SKIN. TOXIC IF INHALED.

HARMFUL OR FATAL IF SWALLOWED. INGESTION MAY RESULT IN VOMITING WHICH MAY CAUSE ASPIRATION OF LIQUID I NTO LUNGS THUS RESULTING IN CHEMICAL PNEUMONITIS.

Explanation of

Carcinogenicity:PRODUCT IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:ASPIRATION MAY BE EVIDENCED BY COUGHING, LABORED BREATHING, CYANOSIS. OTHER CONTACTS: IRRITATION, RED EYES.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE, SKIN & RESPIRATORY DISORDERS MAY BE AGGRAVATED BU EXOPSURE TO THIS PRODUCT.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. MFR GAVE NO INFORMATION OF MSDS.

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

Flash Point Method:COC

Flash Point:=100.C, 212.F

212F,100C

Lower Limits:N/AV

Upper Limits:N/AV

Extinguishing Media:WATER FOG, FOA

M, DRY CHEMICAL/CARBON DIOXIDE. DO

NOT USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & 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. COOL CONTAINERS WITH WATER

Unusual Fire/Explosion Hazard:MATERIAL WILL NOT BURN UNLESS PREHEATED.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNIT

ION. WEAR PROTECTIVE

EQUIPMENT. STOP LEAK, DIKE & CONTAIN. SOAK UP W/ABSORBENT. PLACE IN NON-LEAKING CONTAINERS & SEAL FOR DISPOSAL. FLUSH AREA W/WATER TO REMOVE RESIDUE.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE W/ADEQUATE

VENTILATION. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES.

Other Precautions:NONE N EYES, ON SKIN OR ON CLOTHING. W

ASH

THOROUGHLY AFTER HANDLING. AVOID BREATHING OIL MIST. DISCARD

LUBRICANT- SOAKED SHOES. REMOVE LUBRICANT-SOAKED CLOTHING AND

LAUNDER BEFORE RE-USE.

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

Respiratory Protection:WEAR A NIOSH-APPROVED VAPOR RESPIRATOR AS

REQUIRED TO PREVENT OVEREXPOSURE. I/A/W 29CFR1910.134, USE A

FULL-FACE ATMOSPHERE SUPPLYING RESPIRATOR OR AN AIR PURIFYING

RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:AVOID BREATHING VAPOR OR

DUST. USE VENTILATION AS REQUIRED
TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:AVOID CONTACT W/SKIN & CLOTHING.

Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.

Supplemental Safety and Health

NONE

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

HCC:V6

NRC/State Lic Num:NONE

Melt/Freeze Pt:M.P/F.P Text:-75F,-59C

Spec Gravity:0.87

Viscosity:9.6 CS @ 104F

Solubility in Water:NEGLIG

IBLE

Appearance and Odor:CLEAR, AMBER LIQUID, FRUITY SMELL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAME

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID,
LIQUID, PARTICULATES & GASES WILL EVOVLE. CARBON MONOXIDE & OTHER
COMPD. MAY FORM.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Cons
iderations =====

Waste Disposal Methods:NOT A HAZARDOUS WASTE PER RCRA (40 CFR 261).
PLACE IN APPROPRIATE DISPOSAL FACILITY I/A/W LOCAL REGULATIONS.

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

Transport Information:NOT REGULATED.

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

SARA Title III Information:PRODUCT IS CLASSIFIED AS AN ACUTE HEALTH
HAZARD UNDER SARA TITLE III, SEC 311,312. PRODUCT CONTAINS
ISOPROPYL ALCOHO

L (0.02%) WHICH IS EPA EXPORT NOTIFIABLE SEC 12 OF
TSCA.

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

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