

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 777 -- 9150-01-387-4577

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

Product ID:ROYCO 777

MSDS Date:07/18/1995

FSC:9150

NIIN:01-387-4577

MSDS Number: CKTZL

=== 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:973-887-7410

Emergency Phone Num:201-887-7411

Resp.

Party Other MSDS Num.:720,067-1

Preparer's Name:NOT PROVIDED

Chemtec Ind/Phone:(800)424-9300

CAGE:07950

=== Contractor Identification ===

Company Name:ANDEROL COMPANY

Address:215 MERRY LANE

Box:City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Phone:908-738-3517

CAGE:LO882

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-W-2121

CAGE:07950

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:SP0450-01-C-0625
CAGE:07950

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Composition/Information on Ingredients
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Ingred Name:SYNTHETIC HYDROCARBON
CAS:68649-11-6
Minumum % Wt:30.
Maxumum % Wt:40.
Other REC Limits:5 MG/M3 OIL MIST;MFR

Ingred Name:SYNTHETIC HYDROCARBON
CAS:68649-12-7
Code:F
Minumum % Wt:20.
Maxumum % Wt:30.
Other REC Limits:5 MG/M3 OIL MIST;MFR

Ingred Name:DIISOCTYL ADIPATE
CAS:
1330-86-5
Minumum % Wt:10.
Maxumum % Wt:20.
Other REC Limits:NONE RECOMMENDED

Ingred Name:ISODECYL PELARGONATE
CAS:109-32-0
< Wt:10.
Other REC Limits:NONE RECOMMENDED

Ingred Name:MIXED ESTERS OF DECANOIC ACID
CAS:68954-22-3
< Wt:10.
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVES
< Wt:2.
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA

:NO

Health Hazards Acute and Chronic: EYE CONTACT: PRODUCT IS EXPECTED TO BE NO MORE THAN MINIMALLY IRRITATING TO EYES. SKIN CONTACT: BASED ON COMPONENT INFORMATION, PROLONGED/REPEATED LIQUID CONTACT CAN RESULT IN DEFATTING AND DRYING OF SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL INTO SKIN CAUSING LOCAL NECROSIS. INHALATION: VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MISTS MAY BE

MILDLY IRRITATING TO NOSE, THROAT, RESPIRATORY TRACT.

INGESTION: MAY RESULT IN VOMITING; ASPIRATION MAY CAUSE PNEUMONITIS.

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

Effects of Overexposure: IRRITATION. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION. ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, LABORED BREATHING AND CYANOSIS (BLUISH SKIN); I

N SEVERE CASES DEATH MAY OCCUR.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING EYE, SKIN, AND RESPIRATORY DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid: EYE CONTACT: FLUSH WITH WATER. IF IRRITATION OCCURS, 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.

IF INJECTED UNDER SKIN, GET MEDICAL ATTENTION. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.

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

Flash Point Method: COC

Flash Point: =180.C, 356.F

Extinguishing Media: USE WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE. DO NOT USE 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 ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS) INCLUDING A NIOSH-APPROVED POSITIVE PRESSURE SELF-CO

NTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:NOT PROVIDED

===== 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 INERT MATERIAL 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:NOT RELEVANT.

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

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

Other Precautions:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE REUSE.

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

Respiratory Protection:IF EXPOSURE MAY/DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH APPROVED RESPIRATOR. IN ACCORD WITH 29CFR1910.134 USE EITHER ATMOSPHERE SUPPLYING OR AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:PROVIDE VENTILATION REQUIRED TO CONTROL VAPOR CONCENTRATIONS. GENERAL ROOM VENTILATION SHOULD NORMALLY BE SUFFICIENT.

Protective Gloves:WEAR NITRILE GLOVES TO MINIMIZE CONTACT.

Eye Protection:SAFETY GLASSES OR GOGGLES AS NEEDED.

Other Protective Equipment:PROVIDE EYE WASH STATION AND SAFETY SHOWER. WEAR INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED TO MINIMIZE CONTACT.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

NOTE TO PHYSICIAN: IF MORE THAN 2.0 ML PER KG HAS BEEN INGESTED AND VOMITING HAS NOT OCCURED, EMESIS SHOULD BE INDUCED WITH SUPERVISION

. KEEP VICTIM'S HEAD BELOW HIPS. IF SYMPTOMS SUCH AS
LOSS OF GAG REFLEX, CONVULSION, OR UNCONSCIOUSNESS OCCUR, GASTRIC
LAVAGE USING A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

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

HCC:V6
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:NOT AVAILABLE
Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:NOT AVAILABLE
Vapor Density:NOT AVAILA
Spec Gravity:0.84
Viscosity:7.09CS @
100F
Evaporation Rate & Reference:NOT AVAILABLE
Solubility in Water:NEGLIGIBLE
Appearance and Odor:RED LIQUID. SLIGHT ODOR.
Percent Volatiles by Volume:NOT PROVIDED
Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES
AVOID STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:AVOID HEAT, FLAMES.
Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID,
LIQUID, PARTICULATES AND GASES WILL E
VOLVE. CARBON MONOXIDE AND
OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

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

Toxicological Information:NOT PROVIDED

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

Ecological:NOT PROVIDED

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

Waste Disposal Methods:PLACE 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. REGULATIONS.

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

SARA Title III Information:NOT PROVIDED

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

State Regulatory Information:NOT PROVIDED

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

Disclaim

er (provided with this information by the compiling agencies):

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