

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 777 -- 9150-01-386-6687

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

Product ID:ROYCO 777

MSDS Date:07/18/1995

FSC:9150

NIIN:01-386-6687

MSDS Number: CFYHG

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:MERRY LN (FORMALLY 6 CAMPUS DR)

Box:518

City:EAST HANOVER (FORMALLY IN PARSIPPANY)

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-7

410/201-887-8404

Emergency Phone Num:201-887-7410

Resp. Party Other MSDS Num.:720,067-1

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-M-C043

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

Contr

act Num:SP0450-00-W-2019
CAGE:07950
Company Name:ROYAL LUBRICANTS COMPANY INC.
Address:215 MERRY LN
Box:518
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Phone:973-887-7411/7410
Contract Num:SP0450-01-M-LL99
CAGE:07950

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===== Composition/Information on Ingredients =====
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Ingred Name:1-DECENE DIMER, HYDROGENATED/SYNTHETIC HYDROCARBON
CAS:68649-11-6
Minumum % Wt:30.
Maxumum % Wt:40.
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYALPHAOLEFIN BASE STOCK/SYNTHETIC HYDROCARBON
CAS:68649-12-7
Minumum % Wt:20.
Maxumum % Wt:30.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

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

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

Ingred Name:MIXED ISODECANES/MIXED ESTERS OF DECANOIC ACID
CAS:68954-22-3
< Wt:10.
Other REC Limits:N

ONE RECOMMENDED

Ingred Name:MINOR ADDITIVE

< Wt:2.

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- PRODUCT IS EXPECTED TO BE NO MORE THAN MINIMALLY IRRITATING TO EYES. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION A

ND DERMATITIS. INJECTION UNDER SKIN CAUSES

NECROSIS. INHALATION OF VAPOR/OIL MIST MAY CAUSE MILD IRRITATION, DIZZINESS. INGESTION MAY CAUSE VOMITING. ASPIRATION HAZARD.

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

Effects of Overexposure:IRRITATION AS NOTED IN THE ACUTE/CHRONIC HEALTH DETAIL. LOCAL NECROSIS IS EVIDENCED BY ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION. ASPIRATION PNEUMONITIS MAY

BE EVIDENCED BY COUGH ING, LABORED BREATHING AND CYANOSIS (BLUISH SKIN): IN SEVERE CASES DEATH MAY OCCUR.

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

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

First Aid:EYE:FLUSH WITH WATER. HOLD EYELIDS OPEN. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. SKIN:WIPE EXCESS OFF. WASH SKIN WITH SOAP & WATER OR A WATERLESS H

AND CLEANER FOLLOWED BY SOAP & WATER.

IF MATERI AL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING DIFFICULT. INGESTION:DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEP HEAD BELOW HIPS TO PREVENT ASPIRATION. GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:=180.C, 356.F

Lower Limits:

N/AV

Upper Limits:N/AV

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDES HELMET WITH FACESHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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

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

Spill Release Procedures:DIKE/CONTAIN SPILL. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. PICK UP SPILL WITH INERT MATERIAL SUCH AS SAND, CLAY, EARTH. SHOVEL INTO CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER WATERWAYS, SEWERS. UNDER THE CWA THIS IS AN OIL UNDER SECTION 311. SPILLS INTO OR LEADING TO SURFACE WATER THAT CAUSE A SHEEN MUST BE REPORTED: 800-424-8802.

Neutralizing

Agent:NONE SPECIFIED BY MANUFACTURER.

===== 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:AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. LAUNDRER CLOTHING BEFORE REUSE. AVOID INHALING MISTS. EMPTY CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS DUE TO THE RETENTION OF RESIDUES. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:GENERAL ROOM VENTILATION SHOULD BE SUFFICIENT.

Protective Gloves:NITRILE.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:EYE WASH STA

TION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

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 UNCONS

CIOUSNESS OCCUR, GASTRIC

LAVAGE USING A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

===== 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

Spec Gravity:0.84

Viscosity:7.09 CS @100F

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID - SLIGHT ODOR

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

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, FLAMES.

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

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:NONE SPECIFIED BY MANUFACTURER.

===== Ecological Informa

tion =====

Ecological:UNDER THE CWA THIS IS AN OIL UNDER SECTION 311. SPILLS INTO OR LEADING TO SURFACE WATER THAT CAUSE A SHEEN MUST BE REPORTED: 800-424-8802.

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION OR REUSE IS RECOMMENDED.

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

Transport Information:NOT HAZARDOUS BY US DOT REGULATIONS.

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

SARA Title III Information:NONE SPECIFIED BY MANUFACTURER.

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

State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

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

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

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