

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 783D -- 9150-00-935-9810

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

Product ID:ROYCO 783D

MSDS Date:12/10/1993

FSC:9150

NIIN:00-935-9810

MSDS Number: CCJYZ

=== 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

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

CAGE:07950

===== Composition/Information on Ingredients =====

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 60-70%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ACRYLIC COPOLYMER INSEVERELY HYDROTREATED MINERAL OIL

Fraction by Wt: 10-

20%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT-REFINED (MILD),  
LIGHT NAPHTHENIC, (CARCINOGENIC - IARC)

CAS:64741-97-5

RTECS #:PY8041000

Fraction by Wt: 5-15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:PETROLEUM SULFONATE

CAS:25619-56-1

Fraction by Wt: 2-7%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVES

Fraction by Wt: < 2%

Other REC Limits:NONE RECOMMENDED

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Hazards Ide  
ntification =====

LD50 LC50 Mixture:TLV 5 MG/M3 OIL MIST

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYE CONTACT MAY CAUSE IRRITATION.

PROLONGED OR REPEATED SKIN CONTACT CAN RESULT IN DEFATTING AND  
DRYING OF SKIN, IRRITATION AND DERMATITIS. INHALATION OF VAPORS AT  
HIGH TEMPERATURES MAY BE IRRITATING TO NOSE, THROAT, RESPIRATORY  
TRACT. NO MORE THAN SLIGHTLY TOXIC IF  
SWALLOWED.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, SKIN  
DEFATTING/DRYING, DERMATITIS, RESPIRATORY TRACT IRRITATION,  
NOSE/THROAT IRRITATION.

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:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====  
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Flash Point Method:COC

Flash Point:230F,110C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.

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

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

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. SHUT OFF SOURCE. SOAK UP WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL. DISPOSE OF PROPERLY. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID EYE AND SKIN CONTACT. STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:CONTAMINATED LEATHER ARTICLES INCLUDING SHOES CANNOT BE DECONTAMINATED AND SHOULD BE DESTROYED TO PREVENT REUSE.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTR

CTIONS/WARNINGS AND NIOSH RESPIRATOR  
SELECTION.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION AND/OR GENERAL DILUTION  
VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:NITRILE

Eye Protection:SPLASH-PROOF OR DUST-RESISTANT GOGGLES

Other Protective Equipment:WEAR OIL-IMPERVIOUS CLOTHING. AVOID WEARING  
OIL SOAKED CLOTHING.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NONE

SPECIFIED BY MANUFACTURER.

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

HCC:V6

Boiling Pt:B.P. Text:NOT GIVEN

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

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.85

Viscosity:14 CST@100F

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED CLEAR LIQUID WITH SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials

to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:AVOID HEAT, FLAME.

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID,  
LIQUID, PARTICULATES AND GASES WILL EVOLVE INCLUDING CARBON  
MONOXIDE, ORGANICS.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AN

## D LOCAL REGULATIONS.

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