

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 783 -- 9150-00-935-9808

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

Product ID:ROYCO 783
MSDS Date:07/18/1995
FSC:9150
NIIN:00-935-9808
Status Code:A
MSDS Number: CJWNF
=== Responsible Party ===
Company Name:ROYAL LUBRICANTS COMPANY INC.
Box:518
City:EAST HANOVER
State:NJ
ZIP:07936-0518
Country:US
Info Phone Num:973-837-7410
Emergency Phone Num:201-887-7411
Resp. Party
ty Other MSDS Num.:750,112
Chemtrec 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-C044
CAGE:07950

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

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE
CAS:64742-53-6
RTECS #:PY8036000
Minimum % Wt:10.
Maximum % Wt:80.

Ingred Name:SOLVEN

T REFINED, HYDROTREATED MIDDLE DISTILLATE

CAS:64742-46-7

Code:F

RTECS #:JN9379645

Minumum % Wt:0.

Maxumum % Wt:70.

Ingred Name:ADDITIVE CONTAINING BARIUM DINONYLNAPHTHALENESULFONATE

CAS:25619-56-1

Code:F

Minumum % Wt:3.

Maxumum % Wt:8.

Ingred Name:MINOR ADDITIVES

Minumum % Wt:12.

Maxumum % Wt:16.

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Health Hazards Acute and C

hronic:EYES-PRODUCT IS IRRITATING TO THE

EYES. SKIN-PRODUCT MAY BE IRRITATING TO SKIN. PROLONGED OR REPEATED LIQUID CONTACT CAN CAUSE DEFATTING & DRYING OF THE SKIN WHICH CAN LEAD TO IRRITATION & DERMATITIS. INHALATION:-VAPORS OR MISTS MAY BE MILDLY IRRITATING TO THE NOSE, THROAT & RESPIRATORY TRACT. INGESTED-INGESTION MAY RESULT IN VOMITING WHICH MAY CAUSE ASPIRATION. ASPIRATION MAY RESULT IN ASPIRATION PNEUMONITIS.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY

CARCINOGENS AS IDENTIFIED BY NTP, IARC OR OSHA.

Effects of Overexposure:IRRITATION AS NOTED IN ACUTE/CHRONIC HEALTH.

ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, 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.

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

First Aid:EYE

S: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: IMMEDIATELY REMOVE CONTAMINATED CLOTHES. WIPE EXCESS FROM SKIN & FLUSH WITH PLENTY OF WATER. WASH WITH SOAP & WATER. DO NOT WEAR CLOTHES UNTIL LAUNDERED. INHALATION: REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTED: DO NOT INDUCE VOMITING! IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:>93.3C, 200.F
Lower Limits:N/AV
Upper Limits:N/AV
Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE (CO2). 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 CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR(HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:LARGE SPILLS: WEAR APPROPRIATE PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK IF SAFE TO DO. DIKE & CONTAIN. RE MOVE WITH VACUUM TRUCKS OR PUMP TO SALVAGE VESSELS. SOAK UP RESIDUE WITH ABSORBENT. DISPOSE OF PROPERLY. FLUSH WITH WATER TO REMOVE RESIDUE. SMALL SPILLS: TAKE UP WITH ABSORBENT & DISPOSE OF PROPERLY.
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:AV

OID EYE AND SKIN CONTACT. WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, CANNOT BE DECONTAMINATED AND SHOULD BE DESTROYED TO PREVENT REUSE.

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

Respiratory Protection:AVOID BREATHING VAPORS AND MIST. IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.IN ACCORD WITH 29 CFR 1910.134 USE EITHER A FULL-FACE ATMOSPHERE-SUPPLYING RESPIRATOR OR AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:WEAR GLOVES TO MINIMIZE CONTACT. RECOMMEND NITRILE GLOVES.

Eye Protection:CHEMICAL RESISTANT CHEMICAL GOGGLES.

Other Protective Equipment:WEAR OTHER CLOTHING AS REQUIRED TO MINIMIZE

CONTACT. EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING. APPLYING COSMETICS OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:V6

Boiling Pt:B.P. Text:N/AV

Melt/Freeze Pt:M.P/F.P Text:N/AV

Vapor Pres:N/AV

Vapor Density:

N/AV

Spec Gravity:(H2O=1) .85 APPROX.

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID

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

Stability Indicator/Materials to Avoid:YES
CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE & OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== T

otoxicological Information =====

Toxicological Information:NONE SPECIFIED BY MANUFACTURER.

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

Ecological:UNDER EPA-CWA THIS PRODUCT IS CONSIDERED AN OIL AND CONTAINS A COMPONENT DESIGNATED AS A HAZARDOUS SUBSTANCE UNDER SECTION 311. SPILLS INTO OR LEADING TO WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

===== Disposal Considerations =====
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Waste Disposal Methods:PRODUCT MAY HAVE TO BE TREATED AS A HAZARDOUS WASTE CONTAINING BARIUM (HAZWASTE NUMBER D005); IF IT EXHIBITS CHARACTERISTICS OF BARIUM TOXICITY IAW TCLP. ALTERNATIVELY, MATERIAL MAY BE RECYCLED. CURR ENTLY, HAZARDOUS SUEO OIL THAT IS RECYCLED FOR ENERGY RECOVERY IS MINIMALLY REGULATED UNDER RCRA.

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

Transport Information:NOT HAZARDOUS BY DOT REGULATIONS.

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

SARA Title III Information:UNDER SARA TITLE 313 THIS PRODUCT CONTAINS BARIUM COMPOUNDS.

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

State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

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

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