

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 783 -- 9150-00-935-9807

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

Product ID:ROYCO 783

MSDS Date:07/18/1995

FSC:9150

NIIN:00-935-9807

MSDS Number: CKFJC

=== 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:201-887-7410/201-887-8404

Emergency Phone Num:201-887-7411

Resp. Party Oth

er 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-D-0407

CAGE:07950

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0450-00-M-C179

CAGE:0PGK2

===== Composition/Information on

Ingredients =====

Ingred Name:MINERAL OIL/HYDROTREATED LIGHT NAPHTHENIC DISTILLATE

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:10.

Maxumum % Wt:80.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE (SOLVENT REFINED)

CAS:64742-46-7

RTECS #:JN9379645

Minumum % Wt:0.

Maxumum % Wt:70.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:BARIU

M DINONYL-NAPHTHALENESULFONATE (ADDITIVE)

CAS:25619-56-1

Minumum % Wt:3.

Maxumum % Wt:8.

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVES

Minumum % Wt:12.

Maxumum % Wt:16.

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ACUTE ORAL LD50 IS 3.5 G/KG (RAT).

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

Health Hazards Acute and Chronic:EYE CONTACT: THIS PRODUCT IS

IRRITATING TO THE EYES. SKIN CONTACT:

THIS PRODUCT MAY BE

IRRITATING TO THE SKIN. PROLONGED OR REPEATED LIQUID CONTACT CAN

RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN

SKIN IRRITATION AND DERMATITIS. INHALATION: INHALATION OF VAPORS

(GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MIST FROM THIS PRODUCT

MAY BE MILDLY IRRITATING TO THE NOSE, THROAT AND RESPIRATORY

TRACT. INGESTION: INGESTION OF PRODUCT MAY RESULT IN VOMITING;

ASPIRATION (BREATHING) OF VOMITUS INTO THE LUNGS MUST BE AVOIDED

AS  
EVEN SMALL QUANTITIES MAY RESULT IN ASPIRATION PNEUMONITIS.  
Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY  
CARCONOGENS AS IDENTIFIED BY NTP, IARC, OR OSHA.

Effects of Overexposure:IRRITATION. 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:EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15  
MINURES WHILE HOLDING EYELIDS OPEN. GET MEDICAL AID. SKIN:  
IMMEDIATELY REMOVE CONTAMINATED CLOTHES/SHOES. WIPE EXCESS FROM  
SKIN & FLUSH WIT H PLENTY WATER FOR AT LEAST 15 MINUTES. USE SOAP  
IF AVAILABLE & WASH WITH SOAP & WATER. CLEAN CONTAMINATED CLOTHES  
BEFORE REUSE. GET MEDIACAL AID. INHALATION: REMOVE TO FRESH AIR &  
GIVE OXYGEN  
IF BREA THING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION  
IF NOT BREATHING. GET MEDICAL AID. INGESTION: DO NOT INDUCE  
VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO  
PREVENT LUNG ASPIRATION. GET MEDICAL AID.

===== 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 CO2. DO NOT  
USE A DIRECT STREAM OF WATER. PR  
ODUCT WILL FLOAT AND CAN BE  
REIGNITED ON SURFACE OF WATER.  
Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL  
BUNKER GEAR (HELMET WITH FACE SHEILD, BUNKER COATS, GLOVES AND  
RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED  
SELF-CONTAINED BREATHING APPARA TUS. COOL FIRE EXPOSED CONTAINERS  
WITH WATER.  
Unusual Fire/Explosion Hazard:MATERIAL WILL NOT BURN UNLESS PREHEATED.

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

Spill Re

Spill Procedures: WEAR RESPIRATOR & PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE & CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN AB SORBENT SUCH AS CLAY, SAND, OR OTHER SUITABLE MATERIAL: DISPOSE OF PROPERLY. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE. SMALL SPILLS: TAKE UP WITH AN ABSORBENT MATERIAL & DISPOSE OF PROPERLY.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: STORE IN COOL, DRY, VENTILATED PLACE AWAY FROM STRONG OXIDIZERS. KEEP AWAY FROM HIGH TEMPERATURES.

Other Precautions: AVOID EYE AND SKIN CONTACT. WASH WITH SOAP AND 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: NITRILES IF PROLONGED/REPEATED CONTACT

Eye Protection: CHEMICAL RESISTANT CHEMICAL GOGGLES IF THERE IS LIKELIHOOD OF CONTACT WITH EYES

Other Protective Equipment: EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IF > 2 ML PER KG HAS BEEN INGESTED AND VOMITING HAS NOT OCCURRED, EMESIS SHOULD BE INDUCED WITH SUPERVISION. KEEP

VICTIM'S HEAD BELOW HIPS. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX,  
CO NVULSION/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:N/AV  
Melt/Freeze Pt:M.P/F.P Text:N/AV  
Vapor Pres:N/AV  
Vapor Density:N/AV  
Spec Gravity:0.85 APPROX.  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR LIQUID IN AN AEROSOL CAN

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

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 WHEN THIS MATERIAL  
UNDERGOES PYROLYSIS OR COMBUSTION. CARBON MONOXIDE & OTHER  
COMPOUNDS MAY BE FORMED UPON COMBUSTION..  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:NOT PROVIDED

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

Ecological:UNDER EPA-CWA PRODUCT IS CONSIDERED AN OIL & CONTAINS A  
COMPONENT DESIGNATED AS HAZARDOUS UNDER SECTION 311.

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY  
IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. PRODUCT IS  
AEROSOL. CONTAIN

S >100 MG/L BARIUM. HAZARDOUS WASTE NUMBER: D005

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

Transport Information:SEE TRANSPORTATION DATA.

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

SARA Title III Information:UNDER SARA 313 PRODUCT CONTAINS BARIUM  
COMPOUNDS

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

State Regulatory Information:NOT PROVIDED

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

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