

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:201-887-7

410/201-887-8404

Emergency Phone Num:201-887-7411

Resp. Party Other MSDS Num.:750.112

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-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

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Composition/Information on Ingredients
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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 M
G/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:BARIUM 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

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Hazards Identification
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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 C

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 CARCINOGENS 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 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL AID. SKIN: IMMEDIATELY REMOVE CONTAMINATED CLOTHES/SHOES. WIPE EXCESS FROM SKIN & FLUSH WITH PLENTY WATER FOR AT LEAST 15 MINUTES. USE SOAP IF AVAILABLE & WASH WITH SOAP & WATER. CLEAN CONTAMINATED CLOTHES BEFORE REUSE. GET MEDICAL AID. INHALATION: REMOVE TO FRESH AIR & GIVE OXYGEN IF BREATHING 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. PRODUCT 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.

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

Spill Release 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 PROPERL

Y.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== 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-F ACE, ATMOSPHERE-SUPPLYING RESPIRATOR OR
AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

V

entilation: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 OCCURED, 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:NEGLI

GIBLE

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 P

olymerization: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 LOCA

L, STATE AND FEDERAL REGULATIONS. PRODUCT IS
AEROSOL. CONTAINS >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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