

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 782 -- 9150-00-149-7432

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

Product ID:ROYCO 782
MSDS Date:04/05/1999
FSC:9150
NIIN:00-149-7432
Status Code:A
MSDS Number: CJZVN
=== 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:201-887-7410
Emergency Phone Num:2
01-887-7411
Resp. Party Other MSDS Num.:MIL-PRF-83282
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:SP0451-94-D801-10004
CAGE:07950

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

Ingred Name:SYNTHETIC HYDROCARBON BASE OIL
CAS:68649-12-7
Fraction by Wt: 60-70%
Other REC Limits:NONE RECOM

MENDED

Ingred Name:ESTERS

Fraction by Wt: 30-40%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVES

< Wt:2.

Other REC Limits:NONE RECOMMENDED

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

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

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

Health Hazards Acute and Chronic:EYE-MINIMALLY IRRITATING TO THE EYES.

SKIN-PROLONGED/REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

INJECTION INTO SKIN UNDER

HIGH PRESSURE MAY CAUSE LOCAL NECROSIS.

INHALATION OF VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL

MIST MAY BE MILDLY IRRITATING TO THE NOSE, THROAT AND RESPIRATORY

TRACT. INGESTION:MAY RESULT IN VOMITING. ASPIRATION MAY RESULT IN

ASPIRATION PNEUMONITIS.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY

CARCINOGEN AS IDENTIFIED BY IARC, NTP, OR OSHA.

Effects of Overexposure:SKIN- RELEASE DURING HIGH PRESSURE USAGE MAY

RESULT IN INJECTION OF OIL INTO

THE SKIN CAUSING LOCAL NECROSIS.

INGESTION-MAY RESULT IN VOMITING, ASPIRATION (BREATHING) OF VOMITUS

INTO THE LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIES MAY RESULT

IN ASPIRATION PNEUMONITIS. LOCAL NECROSIS IS EVIDENCED BY DELAYED

ONSET OF PAIN AND TISSUE DAMAGE FEW HOURS FOLLOWING INJECTION.

ASPIRATION PNEUMONITIS MA Y BE EVIDENCED BY COUGHING LABORED

BREATHING AND CYANOSIS (BLUISH SKIN): IN SEVERE CASES DEATH MAY

OCCUR.

Medical Cond Aggravated by Exposure:PREE

XISTING SKIN AND RESPIRATORY

DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES-FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL

ATTENTION. SKIN CONTACT-REMOVE CONTAMINATED CLOTHING/SHOES AND WIPE

EXCESS FROM SKIN. WASH WITH SOAP AND WATER. IF IRRITATION OCCURS,

GET MEDI CAL ATTENTION. INHALATION: MOVE VICTIM TO FRESH AIR AND

PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL

ATTENTION.

INGESTION- DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:≈218.3C, 425.F

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, OR CO2. DO NOT USE DIRECT STREAM OF WATER, PRODUCTS FLOATS, AND CAN BE REIGNITED ON SURFACE OF WATER..

Fire Fighting Procedures:MATERIA

L WILL NOT BURN UNLESS PREHEATED. DO

NOT ENTER CONFINED FIRESPACE WITH OUT 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:ABSORB WITH INERT MATERIAL AND PLACE IN A
C

CONTAINER FOR LATER DISPOSAL. SPILLS INTO OR LEADING TO SURFACE WATERS THAT PRODUCE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 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 SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

=====

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR1910.134, USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:WEAR GLOVES

Eye Protection:AVOID CONTACT WITH EYES. WEAR SAFETY GLASSES OR GOGGLES AS APPROPRIATE.

Other Protecti

ve Equipment:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

THE QPL-83282-12 COVERS THE FOLLOWING PART NO: ROYCO 782; ROYCO 782-1; ROYCO 782-2; ROYCO 782E-1,AND ROYCO 782E-2; THE MFR MSDS 782 RECEIVED COVERS P/N ROYCO 782;ROYCO 782-2,& ROYCO 782-3; ROYCO 782-3 IS NOT COVERED BY QPL 83282.THEREFORE P/N 782-3 IS NOT FOR

THIS NSN.

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

HCC:V6

Vapor Density:N/A(AIR=1)

Spec Gravity:0.85 (WATER=1)

Viscosity:15 CS @ 100F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID; SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:AVOID HEAT AND FLAME.

Hazardous Decomposition Products:COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES & GASES EVOLVE WHEN MATERIAL UNDERGOES PYROLYSIS OR COMBUSTION.CARBON MONOXIDE & OTHER UNIDENTIFIED ORGANIC COMPOUND MAYBE FORMED UPON COMBUSTION

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

Toxicological Information:ROYAL RECOMMENDS PEL AND TLV FOR MINERAL OIL MIST= 5 MG/M3.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIO

NS.

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

Transport Information:NOT REGULATED.

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

SARA Title III Information:UNDER EPA-CWA, THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311. SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802

Federal Regulatory Information:THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA I
NVENTORY.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.