

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

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

Product ID:ROYCO 782  
MSDS Date:11/30/2000  
FSC:9150  
NIIN:00-149-7432  
Status Code:A  
MSDS Number: CLSFY  
=== Responsible Party ===  
Company Name:ROYAL LUBRICANTS COMPANY INC.  
Address:215 MERRY LN  
Box:518  
City:EAST HANOVER  
State:NJ  
ZIP:07936  
Country:US  
Info Phone Num:973-887-7411/7410  
Emergency Phone Num:9  
73-887-7411  
Resp. Party Other MSDS Num.:720,006-3  
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:SP0450-02-D-4010  
CAGE:07950

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

= Wt:100.  
OSHA PEL:5 MG/M3

Ingred Name:POLYALPHAOLEFIN  
CAS:68037-01-4  
Minumum % Wt:60.  
Maxumum % Wt:70.

Ingred Name

:SYNTHETIC ESTERS

Minimum % Wt:25.

Maximum % Wt:35.

Ingredient Name:ADDITIVES

&lt; Wt:2.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Medical Condition Aggravated by Exposure:PREEXISTING EYE AND SKIN DISORDERS  
MAY BE AGGRAVATED BY EXPOSURE TO COMPONENTS OF THIS PRODUCT.

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

First Aid:EYE: IMMEDIATELY FLUSH EYE WITH PLENTY OF WATER FOR AT LEAST  
15 M

INUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:  
REMOVE CONTAMINATED CLOTHING/SHOES AND WIPE EXCESS FROM SKIN. FLUSH  
SKIN WITH WATER FOLLOW BY WASHING WITH SOAP AND WATER. IF MATERIAL  
IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY TO  
PREVENT SERIOUS INJURY. IF IRRITATION OCCURS, GET MEDICAL  
ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED. INHALATION: REMOVE  
TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET  
MEDICAL ATTENTION. IN  
GESTION: DO NOT INDUCE VOMITING. IF OCCURS  
SPONTANEOUSLY, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:232.2C, 450.F

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

Fire Fighting Procedures:DO NOT USE DIRECT STREAM OF WATER. PRODUCT  
WILL FLOAT AND CAN BE REIGNITED ON SURFACE WATER.

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

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITIBLE. USE  
CAUTIOUS JUDGMENT WHEN CLEANING UP LARGE SPILLS. 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 ABSORBENT SUCH AS  
CLAY, SAND OR OTHER SUITABLE MATERIAL; DISPOSE OF PROPERLY. FL

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AREA TO REMOVE TRACES.

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

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

Other Precautions:MINIMIZE SKIN CONTACT. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE FIRE HAZARD. GROUND FIXED EQUIPMENT. BOND AND GROUND TRANSFER CONTAINERS AND EQUIPMENT. PROPERLY DISPOSE OF CONTAMINATED LEATHER ART ICLES INCLUDING SHOES THAT CA  
NNOT BE  
DECONTAMINATED. KEEP AWAY FROM FLAMES AND HIGH TEMPERATURES.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SEC. 7) USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE IN ACCORD WITH 29 CFR 1910.134. USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRAT OR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Protective Gloves:CHEMICAL RESISTANT GLOVES, NITRILE GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:WEAR CHEMICAL RESISTANT GLOVES AND OTHER PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT.

Supplemental Safety and Health

\*\*\*SMALL SPILLS\*\*\*TAKE UP WITH AN ABSORBENT MATERIAL AND DISPOSE OF PROPERLY. LARGE SPILL AND LEAK: NOT AVAILABLE.

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

HCC:N1

Spec Gravity:0.85

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID; SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, FLAME.

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

Toxicological Information:TLV OIL MISST, MINERAL PEL/TWA=5MG/M3. BASED ON DATA AVAILABLE TO ROYAL. THIS PRODUCT IS NOT HAZARDOUS UNDER OSHA HAZARD COMMUNICATION (29 CFR 1910.1200). FIRE DEGRADATION PRODUCTS: HAZARDOU

S DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION  
PRODUCTS ARE HIGHLY DEPENDENT ON THE COMBUSTION CONDITIONS. A  
COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES & GASES  
WILL EVOLVE WHEN THIS MATERIAL UNDERGOES PYROLYSIS OR COMBUSTION.

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

Waste Disposal Methods: PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN  
COMPLIANCE WITH LOCAL REGULATIONS.

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

Transport Information: DOT: NOT A DOT CONTROLLED MATERIAL (USA). N/A.  
MARITIME TRANSPORTATION: N/A. HCS: NOT AN HCS CONTROLLED MATERIAL  
IN USA.

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

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

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

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
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