

ROYAL LUBRICANTS CO., INC. -- ROYCO 770, TYPE 1 AND 2 -- 9150-01-131-3323

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Product Identification  
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Product ID:ROYCO 770, TYPE 1 AND 2

MSDS Date:07/22/1988

FSC:9150

NIIN:01-131-3323

MSDS Number: BPJJH

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS CO., INC.

Address:RIVER ROAD

Box:518

City:E. HAVOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-7410

Emergency Phone Num:20

1-887-7411

Resp. Party Other MSDS Num.:ROYAL MSDS NUMBER:720,005-3

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:SP0450-99-M-B300

CAGE:07950

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Composition/Information on Ingredients  
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Ingred Name:POLYALPHAOLEFIN BASE STOCK

CAS:68649-12-7

Minumum % Wt:60.

Maxumum % Wt:65.

Ingred Name:SYNTHETIC ESTERS

Minumum % Wt:2

5.  
Maxumum % Wt:30.

Ingred Name:BARIIUM DINONYLNAPHTHALENE SULFONATE  
CAS:25619-56-1  
Minumum % Wt:2.  
Maxumum % Wt:3.

Ingred Name:TRICRESYLPHOSPHATE  
CAS:1330-78-5  
RTECS #:TD0175000  
Minumum % Wt:1.  
Maxumum % Wt:2.

Ingred Name:MINOR ADDITIVES  
&lt; Wt:2.

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE-PRODUCT IS IRRITATING TO THE EYES.

SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE MAY RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION-INHALATION OF VAPORS OIL MIST MAY BE MILDLY IRRITATING TO NOSE, THROAT AND RESPIRATORY TRACT. INGESTION-THIS MATERIAL MAY BE HARMFUL OR FATAL I F SWALLOWED. INGESTION MAY RESULT IN VOMITING: ASPIRATION OF VOMITUS INTO THE LUNGS MUST BE AVOIDED AS E  
VEN SMALL QUANTITIES 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:LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN & TISSUE DAMAGE A FEW HOURS AFTER INJECTION. 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, SK

IN AND  
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS  
PRODUCT.

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

First Aid:EYE-FLUSH WITH WATER FOR 15 MIN WHILE HOLDING EYELIDS OPEN.  
GET MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHING & WIPE  
EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOWED BY WASHING WITH  
SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DONOT  
REUSE CLOTHING UNTIL CLEANED. INHALATION-REMOVE VICTIM TO FR  
ESH  
AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL  
ATTENTION. INGESTION-DO NOT INDUCE VOMITING, IN GENERAL NO  
TREATMENT IS NEEDED UNLESS LARGE QUANTITIES OF PRODUCT ARE  
INGESTED. HOWEVER, GET MEDICAL ADVICE.

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

Flash Point:=-221.1C, 430.F  
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 WA  
TER.  
Fire Fighting Procedures: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.

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

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE  
CAUTIOUS JUDGEMENT WHEN CLEANING UP LARGE SPILLS.\*\*\*\*\*SMALL  
SPILLS\*\*\*\*\*TAKE UP WITH AN ABSORBENT MATERIAL AND DISPOSE OF  
PROPERLY.

===== Handling and S  
torage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH  
ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH  
TEMPERATURES.  
Other Precautions:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:USE A NIOSH-APPROVED RESP AS REQUIRED TO PREVENT  
OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134. USE EITHER AN  
ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYIN

G RESPIRATOR FOR

ORGANIC VAPOR AND PARTICULATES.

Protective Gloves:WEAR GLOVES TO MINIMIZE CONTACT.

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:AVOID CONTACT WITH EYES. ALSO WEAR GLOVES AND OTHER CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

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

HCC:V6

NRC/State Lic

Num:NONE

Spec Gravity:0.86

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER OIL (TYPE 1), RED OIL (TYPE 2); SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:AVOID HEAT, FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.

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

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

Toxicological Information:NOT AVAILABLE.

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

Waste Disposal Methods:DISPOSE OF AS HAZARDOUS WASTE D005 (BARIUM CONTENT). DISPOSE I/AW FEDERAL, STATE & LOCAL REGULATIONS.

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

Transport Information:NOT HAZARDOUS BY D.O.T. REGULATIONS.

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

Federal Regulatory Information

:THE COMPONENTS OF THIS PRODUCT ARE

LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. UNDER EPA-CWA: THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING (A)SURFACE WATERS OR (B)ANY WATERCOURSE OR SEWERS ENTERING/LEAVING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER.  
800-424-8802

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

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