

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 308CA -- 9150-00-231-9062

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

Product ID:ROYCO 308CA  
MSDS Date:07/06/2000  
FSC:9150  
NIIN:00-231-9062  
Status Code:A  
MSDS Number: CKXGN  
=== Responsible Party ===  
Company Name:ROYAL LUBRICANTS COMPANY INC.  
Address:MERRY LN  
Box:518  
City:EAST HANOVER  
State:NJ  
ZIP:07936-0518  
Country:US  
Info Phone Num:973-887-7410  
Emergency Phone Num:8  
00-424-9300  
Resp. Party Other MSDS Num.:750-002-3  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:07950

=== Contractor Identification ===  
Company Name:AMERICAN INK AND OIL CORP  
Address:33 ENDICOTT STREET  
Box:City:NORWOOD  
State:MA  
ZIP:02062-3006  
Country:US  
Phone:781-762-0026 / FAX: 781-762-1617  
Contract Num:SP0450-99-D-0497-0006  
CAGE:82956  
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  
CAGE:07950

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Composition/Information on Ingredients =====

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE (PETROLEUM)

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:50.

Maxumum % Wt:70.

Ingred Name:DISTILLATES (PETROLEUM), SOLVENT-REFINED LIGHT NAPHTHENIC

CAS:64741-97-5

RTECS #:PY8041000

Minumum % Wt:20.

Maxumum % Wt:40.

Ingred Name:SOLVENT REFINED, HYDROTREATED MIDDLE DISTILLATE (PETROLEUM)

CAS:64742-46-7

RTECS #:JN9379645

&lt; Wt:5.

Ingred Name:CALCIUM DINONYLNAPHTHALENESULFONATE

CAS:578

55-77-3

&lt; Wt:5.

Ingred Name:MINOR ADDITIVES

&lt; Wt:4.

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

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

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

Health Hazards Acute and Chronic:BASED ON AVAILABLE TO ROYAL, THIS  
PRODUCT IS NOT HAZARDOUS UNDER OSHA HAZARD COMMUNICATION  
(29CFR1910.1200).

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

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

First Aid:EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST  
15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:  
REMOVE CONTAMINATED CLOTHING/SHOES & WIPE EXCESS FROM SKIN. FLUSH  
SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP & WATER IF IRRITATION  
OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED.  
SLIGHT INHALATION: REMOVE VICTIM TO FRESH

AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION. SLIGHT INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL AID.

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

Flash Point Method:COC

Flash Point:>148.9C, 300.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 WATER.

Fire Fighting Procedures: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:WEAR RESPIRATOR AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND 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. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE. SMALL SPILLS: TAKE UP WITH ABSORBENT MATERIAL AND DISPOSE OF PROPERLY.

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

Handling and Storage Precautions:STORE IN A 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 A FIRE HAZARD. GROUND FIXED EQUIPMENT. BOND AND GROUND TRANSFER CONTAINERS AND EQUIPMENT. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE IN ACCORD WITH 29CFR1910.134. USE EITHER AN ATMOSPHERE SU

PLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Protective Gloves:CHEMICAL RESISTANT GLOVES (NITRILE)

Eye Protection:SAFETY GOGGLES

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

Work Hygienic Practices:MINIMIZE SKIN CONTACT. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT. BOND AND GROUND TRANSFER CONTAINERS AND EQUIPMENT. PROPERLY DISPOSE OF

CONTAMINATED (SUPP)

Supplemental Safety and Health

PRACTICES CONTINUED: LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED. STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

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

HCC:V6

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT AMBER OIL, SLIGHT HYDROCARBON ODOR

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

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Stability Indicator/Materials to Avoid:YES

CARBON OXIDES (CO, CO<sub>2</sub>). THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT ON THE COMBUSTION CONDITIONS. A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES AND GASES WILL EVOLVE WHEN THIS MATERIAL UNDERGOES PYROLYSIS

Stability Condition to Avoid:AVOID HEAT AND FLAME.

Hazardous Decomposition Products:NOT AVAILABLE

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

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

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

Transport Information:NOT A DOT CONTROLLED MATERIAL (UNITED STATES).

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

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

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