

ROYAL LUBRICANTS COMPANY INC. -- ROYCO(R) 308A -- 9150-00-273-2389

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

Product ID:ROYCO(R) 308A

MSDS Date:07/18/1995

FSC:9150

NIIN:00-273-2389

MSDS Number: CBRYK

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:6 CAMPUS DR

City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Info Phone Num:201-887-7410

Emergency Phone Num:201-887-7410

Preparer's

Name:PRODUCT SAFETY

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:SP045099MB065

CAGE:82956

Company Name:ROYAL LUBRICANTS CO INC (REPLACED BY CAGE CODE 07950)

Address:MERRY LANE

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Phone:201-887-7410

CAGE:6V632

Company Name:ROYAL LUBRICANTS COM

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

Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION: MAY BE MILDLY IRRITATING TO THE NOSE, THROAT AND RESPIRATORY TRACT. INGESTION: MAY RESULT IN VOMITING, ASPIRATION OF VOMITUS INTO THE LUNGS. SMALL QUANTITIES MAY RESULT IN PNEUMONITIS.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY CARCINOGEN AS IDENTIFIED BY IARC, NTP, OR OSHA.

Effects of Overexposure:IRRITATION AS NOTED IN HEALTH INFORMATION. ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, LABORED BREATHING AND CYANOSIS. 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:FLUSH WITH PLENTY OF WATER FOR 15 MIN. 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. GET MEDICAL ATTENTION IF NEEDED. CLEAN CONTAMINATED CLOTHING. INHALATION:REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE

INGESTED. HOWEVER, GET MEDICAL ADVICE.

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

Flash Point Method:COC

Flash Point:>148.9C, 300.F

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE. DO NOT USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & CAN REIGNITE ON SURFACE OF WATER.

Fire Fighting Procedures:MATERIAL WON'T BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE W/O FULL BUNKER GEAR (HELMET W/ FACE SHIELD,BUNKER COATS,GLOVE

S, RUBBER BOOTS) INCLUDING A POSITIVE
PRESSURE NIOSH APPROVED SELF -CONTAINED BREATHING APPARATUS. COOL
FIRE EXPOSED CONTAINERS WITH WATER..

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

Spill Release Procedures:MAY BURN. USE CAUTION WHEN CLEANING UP LARGE
SPILLS. LARGE: WEAR RESPIRATOR & PROTECTIVE CLOTHING AS
APPROPRIATE. SHUT OFF SOURCE OF LEAK, IF SAFE. DIKE AND CONTAIN.
REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK
UP RES
IDUE WITH ABSORBENT. DISPOSE OF PROPERLY. FLUSH AREA WITH
WATER TO REMOVE TRACE RESIDUE. SMALL:TAKE UP WITH AN 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.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEE
D OCCUPATIONAL
EXPOSURE LIMITS USE NIOSH-APPROVED RESPIRATOR TO PREVENT
OVEREXPOSURE. IAW 29CFR 1910.134 USE EITHER ATMOSPHERE-SUPPLYING
RESPIRATOR OR AIR-PURIFYING RESPI RATOR FOR ORGANIC
VAPOR/PARTICULATES.

Protective Gloves:NITRILE GLOVES.

Eye Protection:CHEMICAL GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MIN SKIN
CONTACT.

Work Hygienic Practices:WASH WTIH SOAP AND WATER BEFORE EATING,
DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER
CONTAMINATED
CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE

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

HCC:V6

Spec Gravity:0.88

Viscosity:12 CS @40C

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT AMBER OIL, SLIGHT HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, FLAME AND CONTACT WITH STRONG
O

XIDIZING AGENTS.

Hazardous Decomposition Products:HIGHLY DEPENDENT ON CONDITIONS.

COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES AND GASES WILL EVOLVE WHEN THIS MATERIAL UNDERGOES PYROLYSIS OR COMBUSTION. CARBON MONOXIDE AND OTHER ORGANICS.

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

Waste Disposal Methods:PRODUCT CONTAINS BARIUM. UNDER EPA-RCRA, A WASTE MATERIAL CONTAINING BARIUM IS HAZARDOUS IF IT EXHIBITS THE CHARACTERISTIC OF TOXICITY. T

HE MATERIAL MAY BE RECYCLED. CHECK

YOUR LOCAL AND STATE AUTHORITIES FOR OTHER REGULATIONS. CURRENTLY, USED OIL RECYCLED BY BURNING FOR ENERGY IS MINIMALLY REGULATED UNDER RCRA.

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

Transport Information:NOT HAZARDOUS BY DOT REGULATIONS.

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

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

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.