

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 308A -- 9150-00-836-8641

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

Product ID:ROYCO 308A

MSDS Date:07/18/1995

FSC:9150

NIIN:00-836-8641

Status Code:A

MSDS Number: CKLRV

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936-0518

Country:US

Info Phone Num:973-887-7411 / 7410 973-887-8404

Emergency Phone Num

:(800)424-9300

Resp. Party Other MSDS Num.:750,002-2

Preparer's Name:PRODUCT SAFETY, RLC INC.

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:SP0450-00-M-C239

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
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Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE (PETROLEUM)
CAS:64742-53-6
RTECS #:PY8036000
Minumum % Wt:85.
Maxumum % Wt:95.
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:SOLVENT REFINED, HYDROTREATED MIDDLE DISTILLATE
CAS:64742-46-7
RTECS #:JN9379645
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:BARIUM DINONYLNAPHTHALENE S
ULFONATE
CAS:25619-56-1
Minumum % Wt:1.
Maxumum % Wt:2.
OSHA PEL:0.5 MG/M3 SOL BA
ACGIH TLV:0.5 MG/M3 SOL BA

Ingred Name:MINOR ADDITIVES (NON-HAZARDOUS)
< Wt:4.

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT: BASED ON PRESENCE OF
COMPONENT 3, PRODUCT IS IRRITATING TO THE EYES. SKIN CONTACT:
PROLONGED OR REPE
ATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH
AS DERMATITIS, FOLLICULITIS OR OIL A CNE. INHALATION: INHALATION OF
VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MIST MAY BE
MILDLY IRRIATATING TO THE NOSE. THROAT AND RESPIRATORY TRACT.
INGESTION: INGESTION OF PRODUCT MAY RESULT IN VOMITING, ASPIRATION
(BREATHING) OF VOMITUS INTO THE LUNGS MUST BE AVOIDED AS EVEN SMALL
QUATITIES 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:IRRITATION AS NOTED ABOVE. 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, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE CONTACT: IMMEDIAT ELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING/SHOES AND WIPE EXCESS FROM SK IN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS. 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:>148.9C, 300.F
Lower Limits:N/AV
Upper Limits:N/AV

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:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINE FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET) WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOS H APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard:PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION. WEAR PROTECTIVE EQUIPMENT. LARGE SPILL: WEAR APPROPRIATE PROTECTIVE EQUIPMENT. DIKE AND CONTAIN SPILL. DO NOT ALLOW SPILL TO ENTER DRAINS,

SEWERS OR

WATERWAYS. RECOVER FREE -LIQUID IF POSSIBLE. ABSORB SPILL WITH INERT MATERIAL AND PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL. SMALL SPILLS: SOAK UP WITH INERT ABSORBENT. STORE IN CLOSED CONTAINER FOR PROPER DISPOSAL.

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

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

Other Precautions:WASH THOROUGHLYWITH SOAP AND WATER BEFORE EATING/DRINKING/SMOKING & AT END OF WORKDAY. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

==== 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 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Protectiv

e Gloves:WEAR NITRILE GLOVES AND OTHER CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

Eye Protection:CHEMICAL GOGGLES.

Work Hygienic Practices:AVOID CONTACT WITH EYES. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

Supplemental Safety and Health

TEST DATA FROM PUBLISHED LITERATURE AND/OR CLOTHING MANUFACTURERS INDICATE THE BEST PROTECTION IS PROVIDED BY NITRILE GLOVES.

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

HCC:V6

Boiling Pt:B.P. Text:N/A (NOT AVAILABLE)

Va

por Pres:NA

Vapor Density:NA

Spec Gravity:0.88

Viscosity:CS(40C): 12

Evaporation Rate & Reference:NA

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 OXIDIZING AGENTS.

Hazardous Decomposition Products:A COMPLES MIXTURE OF AIRBORNE SOLID,

PARTICULATE GASES WILL EVOLVE WHEN THIS MATERIAL UNDERGOES
PYROLYSIS/COMBUSTION.CARBON MONOXIDE & OTHER UNIDENTIFIED ORGANIC
COMPOUNDS MAY BE FORMED UPON COMBUSTION

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Toxicological Information:TOXICITY WARNING: DO NOT USE THIS OIL IN FOOD
PROCESSING OR FOOD HANDLING EQUIPMENT ON SURFACES THAT MAY CONTACT
FOOD. DO NOT ALLOW THE OIL TO CONTAMINATE FOODSTUFFS.

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===== Ecological Information =====

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

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

Waste Disposal Methods:THIS PRODUCT CONTAINS BARIUM AT GREATER THAN 100
MG/L. UNDER EPA-RCRA (40CFR261.24) THIS IS A HAZARDOUS WASTE
(#D0005)

. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL
REGULATIONS. OR MATERIAL MAY B E RECYCLED. HAZARDOUS USED OIL THAT
IS RECYCLED IS MINIMALLY REGULATED UNDER RCRA OR EXEMPT UNDER SU
BTITLE C. CHECK WITH LOCAL AUTHORITIES.

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

Transport Information:NOT REGULATED.

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

SARA Title III Information:UNDER EPA-CWA, THIS PRODUCT IS CLASSIFIED AS
AN OIL UN
DER SEC 311. SPILLS INTO OR LEADING TO SURFACE WATERS THAT
CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER,
800-424-8802. UNDER SAR A TITLE II SEC 313, THIS PRODUCT CONTAINS
BARIUM COMPOUNDS.

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

Disclaimer (provided with this information by the compiling agencies):
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