

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 308A -- 9150-01-374-2021  
===== Product Identification =====

Product ID:ROYCO 308A  
MSDS Date:07/18/1995  
FSC:9150  
NIIN:01-374-2021  
Status Code:A  
MSDS Number: CJTWY  
=== 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  
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  
Contract Num:SP04

50-99-D-0498  
CAGE:07950

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

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 SULFONATE  
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)  
&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:EYE CONTACT: BASED ON PRESENCE OF  
COMPONENT 3, PRODUCT IS IRRITATING TO THE EYES. SKIN CONTACT:  
PROLONGED OR REPEATED 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 IRRITATING 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  
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: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: IMMEDIATE  
LY 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.

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= 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, S

EWERS 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 S OAP 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.

Protective

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)

Vap

or 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 UND  
ER 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 INVEMNTRY 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

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