

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 308CA -- 9150-00-261-8146

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

Product ID:ROYCO 308CA

MSDS Date:07/06/2000

FSC:9150

NIIN:00-261-8146

MSDS Number: CKXFQ

=== 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:800-424-9300

Re

sp. Party Other MSDS Num.:750-002-3

Preparer's Name:NOT PROVIDED

Chemtec 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:SP0450-01-M-LL52

CAGE:82956

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

Co

ntract 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
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Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE (PETROLEUM)
CAS:64742-53-6
RTECS #:PY8036000
Minumum % Wt:50.
Maxumum % Wt:70.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

Ingred Name:SOLVENT-RE
FINED LIGHT NAPHTHENIC DISTILLATES (PETROLEUM)
CAS:64741-97-5
RTECS #:PY8041000
Minumum % Wt:20.
Maxumum % Wt:40.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

Ingred Name:SOLVENT REFINED, HYDROTREATED MIDDLE DISTILLATE (PETROLEUM)
CAS:64742-46-7
RTECS #:JN9379645
< Wt:5.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

Ingred Name:CALCIUM DINONYLNAPHTHALENESULFONATE
CAS:57855-77-3
< Wt:5.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT P

ROVIDED
ACGIH TLV:NOT PROVIDED

Ingred Name:MINOR ADDITIVES
< Wt:4.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

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

LD50 LC50 Mixture:NOT PROVIDED
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).
Explanation of Carcinogenicity:NONE
Effects of Overexposure:NONE
Medical Cond Aggravated by Exposure:PREEXISTING EYE AND SKIN DISORDERS
MAY BE AGGRAVATED BY EXPOSURE TO COMPONENTS 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. WIPE EXCESS FROM SKIN. FLUSH SKIN
WITH
W ATER. FOLLOW BY WASHING WITH SOAP AND WATER IF IRRITATION
OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED.
SLIGHT INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF
BREATH ING 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 LIQUI D INTO THE LUNGS. GET MEDICAL ATTENTION.

===== Fire F
ighting 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.
Unusual Fire/Explosion Hazard:NOT AVAILABLE

===== 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 A N 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 ABSORBNET MATERIAL AND DISPOSE OF PROPERLY.

Neutralizing Agent:NOT RELEVANT

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=== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT. BOND AND GRO UND TRANSFER CONTAINERS AND EQUIPMENT.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES.PROPERLY DISPOSE OF CONTAM INATED LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMIN ATED.

===== 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 SUPPLYING RESPIRATOR OR AN AI R-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:NOT PROVIDED

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:NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROINTESTINAL. SCBA = SELF CONTAINED B

REATHING APPARATUS.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT AVAILABLE

Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:NOT AVAILABLE

Vapor Density:N/AV

Spec Gravity:0.88

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT AMBER OIL, SLIGHT HYDROCARBON ODOR

Percent Volatiles by Volume:N/AV

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Corrosion Rate:NOT AVAILABLE

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:AVOID HEAT AND FLAME.

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID,
LIQUID PARTICULATES AND GASES EVOLVE WHEN MATERIAL UNDERGOES
PYROLYSIS/COMBUSTION. CARBON MONOXIDE AND UNIDENTIFIED ORGANIC
COMPOUNDS MAY BE FORMED UPON COMBUSTION.

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

Toxicological Information:BASED ON AVAILABLE TO ROYAL, THIS PRODUCT IS
NOT HAZARDOUS UNDER OSHA HAZARD COMMUNICATION (29CFR1910.1200).

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

Ecological:NOT PROVIDED

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

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

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

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

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

SARA Title III Information:NOT PROVIDED

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

State Regulatory Information:NOT PROVIDED

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

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