

ROYAL LUBRICANTS -- ROYCO 363A -- 9150-00-263-3490

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Product Identification
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Product ID:ROYCO 363A

MSDS Date:08/03/1993

FSC:9150

NIIN:00-263-3490

MSDS Number: BNNDD

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS

Address:EAGLE ROCK AVE

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-7410

Emergency Phone Num:201-887-7411/800-424-9300(CHEMTREC)

Resp.

Party Other MSDS Num.:750,061-3

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:SP0450-00-M-C566

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/Informati

on on Ingredients =====

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE, PETROLEUM OR MINERAL OIL

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:80.

Maxumum % Wt:90.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SOLVENT REFINED LIGHT NAPHTHENIC DISTILLATE, PETROLEUM OR DISTILLATES, SOLVENT-REFINED LIGHT NAPHTHENIC

CAS:64741-97-5

RTECS #:PY8041001

Minumum % Wt:10.

Maxumum % Wt:20.

Other REC Limits:NONE RECOMMENDED

OSH

A PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:CALCIUM SULFONATEOR CALCIUM DINONYLNAPHTHALENESULFONATE

CAS:57855-77-3

< Wt:2.

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVES

< Wt:1.

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Ha

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

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY CAR

CINOGEN AS IDENTIFIED BY NTP, IARC AND 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:PRE-EXISITNG SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS

OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING/SHOES AND WIPE EXCESS FROM SKIN. . WASH WITH SOAP AND WATER. IF IRRITATION O CCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED. INHALATION: REMOVE TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: D O NOT INDUCE VOMITING. IF OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION. GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:=162.8C, 325.F

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE. DO NOT USE A DIRECT STREAM OF WATER.

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS AND RUBBER BOOTS). INCLUDING A POSITIVE PRESSURE NIOSH APPROVE D SELF-CONTAINED BREATHING APPARATUS. C OOL

FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

Spill Release Procedures:USE CAUTIOUS JUDGMENT WHEN CLEANING UP LARGE SPILLS. WEAR RESPIRATOR AND PROPER PERSONAL PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. REMOVE WITH VACUUM TRUCK OR PUMP TO STORAGE VESS ELS. SOAK UP RESIDUE WITH ABSORBENT SUCH AS CLAY OR SAND TO REMOVE TRACE RESIDUE. FLUSH AREA WITH

WATER.

DISPOSE OF PROPERLY.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:AVOID SKIN CONTACT. DO NOT ALLOW EYE CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING AND APPLYING COSMETICS, OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAME AND HIGH TEMPERATURE

Other Precautions:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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===== 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 CFR1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health
NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC:V6

Boiling Pt:B.P. Text:N/AV

Melt/Freeze Pt:M.P/F.P Text:N/AV

Vapor Pres:N/AV

Vapor Density:N/AV

Spec Gravity:0.88

Viscosity:10.46 CST@100F

Evaporation Rate & Reference:NOT GIVEN (NBUAC=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID, STRONG PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDIZERS.

Stability

Condition to Avoid:AVOID HEAT, FLAME.

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES AND GASES WILL EVOLVE. CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

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

Toxicological Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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=== Disposal Considerations =====

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

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

Transport Information:NOT HAZARDOUS BY US DOT REGULATIONS.

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

SARA Title III Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Federal Regulatory Information:THIS PRODUCT IS CONSIDERED AN OIL.

SPIL

LS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. THE COMPONENTS OF THIS PRODUCT ARE LI STED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

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