

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 315 -- 9150-00-231-2361

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

Product ID:ROYCO 315

MSDS Date:09/20/1988

FSC:9150

NIIN:00-231-2361

MSDS Number: BLXGC

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

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)

CAGE:07950

=== Contractor Identification ===

Co

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

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

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM

CAS:64742-52-5

RTECS #:PY8035000

Fraction by Wt: < 80%

Other REC Limits:NONE SPECIFIED

Ingred Name:DISTILLATES, SOLVENT-REFINED LIGHT NAPHTHENIC

CAS:64741-97-5

RTECS #:PY8041000

Fraction by Wt: 10 - 20%

Other RE

C Limits:NONE SPECIFIED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:SODIUM PETROLEUM SULFONATE (TOTAL PERCENTAGE OF INGREDIENTS 3,4 & 5 IS 5 - 15).

Other REC Limits:NONE SPECIFIED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

Ingred Name:ORGANIC ACID (TOTAL PERCENTAGE OF INGREDIENTS 3, 4 & 5 IS 5 - 15).

Other REC Limits:NONE SPECIFIED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

Ingred Name:BARIUM SOAP (TOTAL PERCENTAGE OF INGREDIENTS 3, 4 & 5 IS 5 - 15).

Other R

EC Limits:NONE SPECIFIED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

Ingred Name:SODIUM DINONYLNAPHTHALENE SULFONATE

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACU

TE-EYE:MAY CAUSE SEVERE

IRRITATION.SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE MODERATE IRRITATION,DERMATITIS,FOLLICULITIS/OIL ACNE.INHALATION:VAPORS/OIL MISTS MAY BE MILDLY IRRITATING TO THE NOSE,TH ROAT & RESPIRATORY TRACT.INGESTION:EXPECTED TO HAVE A LOW ORDER OF TOXICITY.CHRONIC- DERMATITIS.

Effects of Overexposure:MAY CAUSE SEVERE EYE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE MODERATE IRRITATION, DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION OF VA

PORS OR OIL MISTS MAY BE

MILDLY IRRITATING TO THE NOSE, THROAT AND RESPIRATORY TRACT.

INGESTION EXPECTED TO HAVE A LOW ORDER OF TOXICITY.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN

DISORDERS OR EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION: REMOVE TO FRESH AIR. PROVIDE CPR IF NEEDED. EYES: FLUSH WITH WATER

FOR 15

MINUTES, HOLDING EYELIDS OPEN. SKIN: WASH WITH SOAP &

WATER. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, SEEK MEDICAL ADVICE.

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

Flash Point Method: COC

Flash Point: 360F, 182C

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

Fire

Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS IN + PRESSURE MODE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: SULFUR OXIDES AND HYDROGEN SULFIDE, BOTH OF WHICH ARE TOXIC, MAY BE RELEASED UPON COMBUSTION.

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

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. STOP LEAK. CONTAIN LARGE SPILL. PUMP IT TO

TRUCK. SOAK UP

RESIDUE/SMALL SPILLS WITH CLAY/SAND. FLUSH AREA WITH WATER. DISPOSE OF PROPERLY. REPORT SPILLS AS REQUIRED.

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

Handling and Storage Precautions: STORAGE-STORE IN COOL PLACE. KEEP AWAY FROM HEAT, FLAME & STRONG OXIDANTS.

Other Precautions: EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE OR EXPLOSIVE VAPORS. CONSULT APPROPRIATE FEDERAL, STATE & LOCAL AUTHORITIES BEFORE

REUSING,RECONDITIONING,RECLAIMING,RECYCLING /DISPOSING OF EMPTY  
CONTAINERS.

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

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH  
VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED  
RESPIRATOR FOR ORGANIC VAPORS AND MISTS.

Ventilation:MECHANICAL VENTILATION. (EXPLOSION-PROOF)

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GOGGLES

Other Protective Equipment:EYE WASH S  
TATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE P/N A OR B UNDER THE  
SAME NSN.

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

HCC:V6

Spec Gravity:0.9 APPROX.

Viscosity:108 @ 100F

Evaporation Rate & Reference:

2.06 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR TAN LIQUID - SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXTREME HEAT, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
OXIDES OF SULFUR, PHOSPHATES

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

Waste Disposal Methods:DISPOSE O

F AS HAZARDOUS WASTE D005 IF EXTRACTED

BARIUM EXCEEDS THE CURRENT EPA LIMIT. BE SURE YOU ARE IN COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. RCRA EMERGENCY NUMBER: 800-424-9346.

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