

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 315 -- 9150-00-231-2356

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

Product ID:ROYCO 315
MSDS Date:09/20/1989
FSC:9150
NIIN:00-231-2356
MSDS Number: BLXFZ
=== 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:201-887-7411/800-42
4-9300(CHEMTREC)
CAGE:07950
=== Contractor Identification ===
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
CA

S:64741-97-5
RTECS #:PY8041000
Fraction by Wt: 10 - 20%
Other REC 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 REC 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:ACUTE-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, THROAT & 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

TATION, DERMATITIS,
FOLLICULITIS OR OIL ACNE. INHALATION OF VAPORS 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 EQUIPMENT. 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. C

CONSULT APPROPRIATE
FEDERAL, STATE & LOCAL AUTHORITIES BEFORE
REUSING, RECONDITIONING, RECLAIMING, RECYCLING/DISPOSING OF EMPTY
CONTAINERS.

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

Respiratory Protection: NONE 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 STATION 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 OF AS HAZARDOUS WASTE D005 IF EXTRACTED BARIUM EXCEEDS THE CURRENT EPA LIMIT. BE SURE YOU ARE IN COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. NATIONAL RESPONSE CENTER 800-424-8802.

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