

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 315 -- 9150-00-231-2357

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Product Identification
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Product ID:ROYCO 315
MSDS Date:07/18/1995
FSC:9150
NIIN:00-231-2357
Status Code:A
MSDS Number: CJMVW
=== Responsible Party ===
Company Name:ROYAL LUBRICANTS COMPANY INC.
Box:518
City:E. HANOVER
State:NJ
ZIP:07936
Country:US
Info Phone Num:201-887-7410
Emergency Phone Num:201-887-7411
Resp. Party Othe
r MSDS Num.:750,058-2
Chemtrec Ind/Phone:(800)424-9300
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
Contract Num:SP0450-99-M-NH47
CAGE:07950

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Composition/Information on Ingredients
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Ingred Name:SEVERELY HYDROTREATED HEAVY NAPHTHENIC DISTILLATE
CAS:64742-52-5
RTECS #:PY8035000
Minimum % Wt:60.
Maximum % Wt:80.
Other REC Limit

s:NONE SPECIFIED

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE, PETROLEUM

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:10.

Maxumum % Wt:20.

Ingred Name:ORGANIC ACIDS, BARIUM SOAP, AND SODIUM PETROLEUM SULFONATE

Minumum % Wt:5.

Maxumum % Wt:15.

Ingred Name:SODIUM DINONYLNAPHTHALENE SULFONATE

CAS:26834-28-6

< Wt:5.

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

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA

:NO

Health Hazards Acute and Chronic:TARGET ORGANS: N/P. EYE CONTACT: BASED ON PRESENCE OF COMPONENT 4, THIS PRODUCT IS EXPECTED TO BE SEVERELY IRRITATING TO THE EYES. SKIN CONTACT: BASED ON COMPONENT INFORMATION, PRODUCT IS EXPECTED T O BE MODERATELY IRRITATING TO THE SKIN. PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS, OIL ACNE. INHALATION: INHALATION OF VAPORS (GENERATED AT HIGH T EMPERATURES ONLY) OR OIL MISTS MA

Y BE MILDLY IRRITATING TO THE NOSE, THROAT, AND RESPIRATORY TRACT. INGESTION: BASED ON COMPONENT INFORMATION, PRODUCT MAY BE GENERALLY CONSIDERED TO HAVE A LOW ORDER OF ACUTE ORAL TOXICITY.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY CARCINOGEN AS IDENTIFIED BY IARC, NTP, OR OSHA

Effects of Overexposure:BASED ON PRESENCE OF COMPONENT 4, THIS PRODUCT IS EXPECTED TO BE SEVERELY IRRITATING TO THE EYES. BASED ON COMPONENT INFORMATION, PRODUCT IS EXPECTED

TO BE MODERATELY IRRITATING TO THE SKIN. PROLONG ED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS, OIL ACNE. INHALATION OF VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MISTS MAY BE MILDLY IRRITATING TO THE NOSE, THROAT, AND RESPIRATORY TRACT. BASED ON COMPONENT INFORMATION, PRODUCT MAY BE GENERALLY CONSIDERED TO HAVE A LOW ORDER OF ACUTE ORAL TOXICITY.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE AND SKIN DISORDERS

MAY BE AGGRAVATED BY EXPOSURE TO COMPONENTS OF THIS PRODUCT.

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

First Aid: EYE CONTACT: IMMEDIATELY FLUSH EYES 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 SKIN. FLUSH SKIN WITH WATER, FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED. INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ADVICE.

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

Flash Point Method: COC

Flash Point: =182.2C, 360.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 ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COAT, GLOVES AND RUBBER BOOTS), INCLUDING POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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

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

Spill Release Procedures: LARGE SPILLS: WEAR RESPIRATORY AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILLS. REMOVE WITH VACUUM TRUCK OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE OR SMALL SPILLS WITH INERT MATERIAL SUCH AS SAND, CLAY, EARTH. SHOVEL INTO CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF FROM ENTERING SEWERS. FLUSH AREA WITH WATER TO REMOVE TRAC

E RESIDUE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, ADEQUATELY VENTILATED PLACE. KEEP AWAY FROM OPEN FLAMES, AND HIGH TEMPERATURES.

Other Precautions:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETIC, OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:IF EXPOSURE MAY/DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29CFR1910.134 USE EITHER FULL-FACE ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:MECHANICAL VENTILATION. (EXPLOSION-PROOF) TO CONTROL PARTICULATE CONCENTRATIONS.

Protective Gloves:CHEMICAL RESISTANT GLOVES TO MINIMIZE SKIN CONTACT

Eye Protection:CHEMICAL GOGGLES IF THERE IS LIKELIHOOD OF CONTACT

Other Protective Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWER. CHEMICAL RESISTANT CLOTHING AS REQUIRED. USE EXPLOSION-PROOF VENTILATION AS REQUIRED.

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

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, I.E., MOST OILS AND GREASES.

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== Physical/Chemical Properties =====

HCC:V6

Spec Gravity:0.9 APPROX.

Viscosity:107.8 @ 100F

Evaporation Rate & Reference:2.06 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR TAN LIQUID - SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, FLAMES

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID,

LIQUID, PARTICULATES AND GASES WILL EVOLVE. CARBON MONOXIDE, OXIDES OF SULFUR AND PHOSPHORUS AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

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

Toxicological Information:1, 2, 3, 4: LD50 (ORAL, RAT) > 5,000 MG/KG.
ACUTE DERMAL LD50 1 >2 G/KG (RABBIT). 2 >3.16 G/KG (RABBIT) 4
>20 G/KG (RABBIT). INHALATION LC50 4 >19 ML/L (RATS).

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

Waste Disposal Methods:DISPOSE OF AS HAZARDOUS WASTE D005 IF EXTRACTED BARIUM EXCEEDS THE CURRENT EPA LIMIT.

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

SARA Title III Information:UNDER EPA-CWA, THIS PRODUCT IS CONSIDERED AN OIL UNDER SECTION 311. SPILLS INTO OR LEADING TO SURFACE WATER THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802. UNDER SA RA TITLE III, SECTION 313, THIS PRODUCT CONTAINS BARIUM COMPOUNDS.

Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information:

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