

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 363B -- 9150-00-542-1430

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Product Identification
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Product ID:ROYCO 363B
MSDS Date:09/18/2000
FSC:9150
NIIN:00-542-1430
Status Code:A
MSDS Number: CLHDK
=== Responsible Party ===
Company Name:ROYAL LUBRICANTS COMPANY INC.
Address:MERRY LANE
Box:518
City:EAST HANOVER
State:NJ
ZIP:07936-0518
Country:US
Info Phone Num:973-887-7411 / 7410 973-887-8404
Emergency Phone Num:201-887-7411
Resp. Party Other MSDS Num.:MSDS #750,060-3
Chemtec 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
CAGE:07950

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Composition/Information on Ingredients
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Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATES, PETROLEUM
CAS:64742-53-6
RTECS #:PY8036000
Minumum % Wt:80.
Maxu

Maximum % Wt:90.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingredient Name:MINOR ADDITIVES
< Wt:1.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NONE RECOMMENDED
ACGIH TLV:NONE RECOMMENDED

Ingredient Name:SOLVENT REFINED LIGHT NAPHTHENIC DISTILLATE (PETROLEUM)
CAS:64741-97-5
RTECS #:PY8041000
Minimum % Wt:10.
Maximum % Wt:20.

Ingredient Name:ADDITIVE CONTAINING BARIUM
= Wt:2.

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

Health Hazards

Acute and Chronic:EYE:PRODUCT IS EXPECTED TO BE NO MORE THAN MINIMALLY IRRITATING TO THE EYES. SKIN: PRODUCT IS EXPECTED TO BE NO MORE THAN MILDLY IRRITATING TO THE SKIN. PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALE: MAY BE MILDLY IRRITATING TO NOSE, THROAT, & RESPIRATORY TRACT. INGESTION: INGESTION OF PRODUCT MAY RESULT IN VOMITING; ASPIRATION OF VOMITUS INTO LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIES MAY RESULT IN ASPIRATION PNEUMONITIS.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY CARCINOGENS AS IDENTIFIED BY NTP, IARC, OR 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 Condition Aggravated by Exposure:PRE-EXISTING SKIN 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 MIN. GET GET MEDICAL ATTENTION.
SKIN-REMOVE CONTAMINATED CLOTHES/SHOES & WIPE EXCESS FROM SKIN.
FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP & WATER. IF
IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT RESUE CLOTHING
UNTIL CLEANED. INHALATION-REMOVE VICTIM TO FRESH AIR & PROVIDE
OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.
INGESTION-DO NOT INDUCE VOMI
TING. IF VOMITING OCCURS, KEEP HEAD
BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET
MEDICAL ATTENTION

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

Flash Point Method:COC
Flash Point:=-176.7C, 350.F
Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE.
DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE
REIGNITED ON SURFACE OF WATER.
Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO
NOT
ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET
W/FACE SHIELD, BUNKER COATS, GLOVES & RUBBER BOOTS) INCLUDING A
POSITIVE PRESSURE NIOSH APPR OVED SCBA. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:SULFUR OXIDES AND HYDROGEN SULFIDE, BOTH
OF WHICH ARE TOXIC. MAY RELEASED UPON COMBUSTION.

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

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE
CAUTIOS
JUDGEMENT WHEN CLEANING UP LARGE SPILLS. SMALL SPILLS::
TAKE UP WITH AN ABSORBENT MATERIAL AND DISPOSE OF PROPERLY. "SEE
OTHER"

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE WITH
ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES & HIGH
TEMPERATURES.
Other Precautions:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING,
SMOKING, APPLYING COSMETICS, OR USING TOILET FACILITIES. LAUNDRER
CONTAMINATE

D CLOTHING BEFORE REUSE.

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

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

Ventilation:USE AS APPROPRIATE TO OBTAIN PERMISSIBLE EXPOSURE LIMITS.

Protective Gloves:NITRWEAR CHEMICAL RESISTENT GLOVES.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:WEAR OTHER CLOTHING AS APPROPRIATE TO MINIMIZE CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PHYSICIAN: IF MORE THAN 2 ML/KG HAS BEEN INGESTED & VOMITING HAS NOT OCCURRED, EMESIS SHOULD BE INDUCED WITH SUPERVISION. KEEP HEAD BELOW HIPS TO PREVENT

ASPIRATION. IF SYMPTOMS SUCH AS LOSS OF GAG

REFLEX, CONVULSION/UNCONSCIOUSNESS OCCURS BEFORE EMESIS, USE GASTRIC LAVAGE WITH CUFFED ENDOTRACHEAL TUBE.

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

HCC:V6

Spec Gravity:0.88

Viscosity:10.64

Evaporation Rate & Reference: