

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 49 B -- 9150-00-985-7316
===== Product Identification =====

Product ID:ROYCO 49 B
MSDS Date:05/01/1999
FSC:9150
NIIN:00-985-7316
MSDS Number: BGBXF
=== Responsible Party ===
Company Name:ROYAL LUBRICANTS COMPANY INC.
Address:MERRY LN (FORMALLY 6 CAMPUS DR)
Box:518
City:EAST HANOVER
State:NJ
ZIP:07936
Country:US
Info Phone Num:201-887-7410
Emergency Phone Num:
973-887-7411
Resp. Party Other MSDS Num.:710,015-3
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:SP0450-00-M-C775
CAGE:07950
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:SP0450-01-M-LM36
CAGE:07950

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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-C483
CAGE:07950

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

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL
CAS:64742-57-0
Minumum % Wt:70.
Maxumum % Wt:80.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:ORGANOPHILIC CLAY/BENTONITE CLAY 27
CAS:68953-58-2
RTECS #:UZ2996400
Minumum % Wt:10.
Maxumum % Wt:15.
Other REC Limits:NONE RECOMMENDED

Ingred Name:MOLYBDENUM DISULFIDE
CAS:1317-33-5
RTECS #:QA4697000
Minumum % Wt:3.
Maxumum % Wt:8.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG MO/M3
ACGIH TLV:10 MG MO/M3

Ingred Name:SODIUM NITRITE (CERCLA)
CAS:7632-00-0
RTECS #:RA1225000
< Wt:3.
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:BARIUM DINONYLNAPHTHALENE SULFONATE
CAS:25619-56-1
< W

t:1.

Other REC Limits:NONE RECOMMENDED

Ingred Name:OTHER ADDITIVES

< Wt:10.

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY TRACT. ACUTE- MAY CAUSE MILD EYE IRRITATION. PROLONGED/REPEATED SKIN CONTACT MAY

CAUSE IRRITATION, DERMATITIS. VAPORS AT HIGH TEMPERATURES MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION. INGESTION UNKNOWN. CHRONIC- MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, & DERMATITIS. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN & TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PREEXISTING EYE & SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:CALL A DOCTOR IF SYMPTOMS OCCUR. EYE:FLUSH WITH WATER. HOLD EYELIDS OPEN. SKIN:WIPE OFF EXCESS GREASE. WASH SKIN WITH SOAP & WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP & WATER. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:DO NOT INDUCE VOMITING. GET MEDICAL ADVICE.

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

Flash Point Method:COC

Flash Point:>210.C, 410.F

BASE OIL

Extinguishing Media:WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTAINER

MAY RUPTURE. COOL FIRE EXPOSED
CONTAINERS SURROUNDING EQUIPMENT & STRUCTURES WITH WATER.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. PICK-UP RESIDUE WITH
INERT ABSORBENT MATERIAL SUCH AS DIATOMACEOUS EARTH, SAND OR
VERMICULITE. SWEEP UP AND TRANSFER TO A CONTAINER FOR PROPER
DISPOSAL. CLEAN AREA WITH APPROPRIATE CLEANER.
Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====
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Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED PLACE
AWAY FROM STRONG OXIDIZERS. KEEP OUT OF REACH OF CHILDREN.
Other Precautions:AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY
AFTER HANDLING. LAUNDRER CLOTHING BEFORE REUSE. AVOID INHALING
MISTS. EMPTY CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS DUE TO THE
RETENTION OF RESIDUE S. DO NOT TAKE INTERNALLY.

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

Respiratory Protection
n:NONE NORMALLY REQUIRED. IF WORKING IN CONFINED
AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES
EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR
NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.
Ventilation:GENERAL ROOM VENTILATION SHOULD BE SUFFICIENT.
Protective Gloves:NITRILES FOR PROLONGED/REPEATED CONTACT
Eye Protection:GOGGLES FOR HIGH PRESSURE APPLICATIONS
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND
APRON AS REQUIRED.
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.
Supplemental Safety and Health
NONE

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

HCC:V6
NRC/State Lic Num:NOT RELEVANT
Solubility in Water:INSOLUBLE
Appearance and Odor:BLACK BUTTERY GREASE - SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG

OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAMES

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES & GASES WILL EVOLVE. CARBON MONOXIDE & OTHER COMPOUNDS MAY FORM.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

INCINERATION OR R

EUSE IS RECOMMENDED. CONTAINS >100 MG/L BARIUM.

HAZARDOUS WASTE NUMBER: D005

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

Transport Information:NOT HAZARDOUS BY DOT REGULATIONS.

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

Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

Disclaimer (provided with this information by the compiling agencies):

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