

ROYAL LUBRICANTS COMPANY, INC. -- ROYCO 64 GREASE

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MSDS Safety Information  
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FSC: 9150  
NIIN: 00-754-2595  
MSDS Date: 07/23/1997  
MSDS Num: BYDDC  
Product ID: ROYCO 64 GREASE  
MFN: 03  
Responsible Party  
Cage: 07950  
Name: ROYAL LUBRICANTS COMPANY, INC.  
Address: 72 EAGLE ROCK AVE  
Box: 518  
City: EAST HA  
NOVER NJ 07936  
Info Phone Number: 201-887-7410  
Emergency Phone Number: 201-887-7410  
Resp. Party Other MSDS No.: 700,064-2.

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Item Description Information  
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Item Manager: S9G  
Item Name: GREASE, MOLYBDENUM DISULFIDE  
Specification Number: MIL-G-21164  
Unit of Issue: CN  
Quantitative Expression: 20000000175LB  
UI Container Qty: G  
Type of Container: CAN

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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Effects of Exposure: EYE CONTACT: MAY BE MILDLY IRRITATING TO THE EYES. SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE U

SAGE

MAY RESULT IN INJECTION OF GREASE INTO THE SKIN CAUSING NECROSIS. INHALATION: NO SPECIFIC INFORMATION IDENTIFIED. INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.

Signs And Symptoms Of Overexposure: IRRITATION AS NOTED ABOVE. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION. SKIN SENSITIZATION (ALLERGY) MAY BE EVIDENCED BY RASHES, EXPECIALLY H IVES.

Medical Cond Aggravated By Exposure: PREEXISTING EYE, SKIN AND RESPIRATORY D ISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid: EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES & WIPE EXCESS OFF. WASH WITH SOAP & WATER. DO NOT REUSE CLOTHING UNTIL THOROU GHLY CLEANED. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS DAMAGE; DO NOT WAIT FOR SYMPTOME TO DEVELOP. INHALE D: REMOVE VI CTIM TO FRESH AIR. PROVIDE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. INGESTED: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT NEEDED UNLESS LARGE QUANTITIES INGESTED. GET MEDICAL ADVICE.

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Handling and Disposal  
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Spill Release Procedures: MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE CAUTIOUS JUDGMENT WHEN CLEANING UP LARGE SPILLS. \*LARGE-WEAR RESPIRATOR & PRO TECTIVE CLOTHING AS APPROPIATE. SHUT OFF SOURCE OF LEAK. IF ASFE TO DO SO. DIK E & CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL. DISPOSE OF PROPERLY. FLUSH AREA.

Waste Disposal Methods: PLACE IN AN APPROPIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions: 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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Fire and Explosion Hazard Information  
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Lower Limits: N/AV  
Upper Limits: N/AV

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

AT & 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 WITH FACE SHIELD, BUNKER  
COATS, GLOVES & RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH A  
PPROVED 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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Control Measures  
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Respiratory Protection: USE A NIOSH-APPROVED RESPIRATOR AS REQUIRED TO PREVENT  
OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134, USE EITHER AN  
ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC  
VAPORS.

Ventilation: LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO  
MAINTAIN EXPOSURE LEVELS.

Protective Gloves: WEAR CHEMICAL RESISTANT GLOVES.

Eye Protection: WEAR CHEMICAL GOGGLES IF THERE IS POTENTIAL CONTACT WITH EYES.

Other Protective Equipment: AVOID CONTACT WITH SKIN AND CLOTHING. WEAR  
PROTECTIVE CLOTHING.

Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE  
EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. DO NOT GET IN EYES.

Supplemental Safety and Health: CHEMICAL NAME: MIXTURE. CHEMICAL FAMILY:  
HYDROCARBON: LUBRICATING GREASE. SYNONYMS: MIL-G-21164.

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Physical/Chemical Properties  
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HCC: V6

B.P. Text: N/AV

M.P/F.P Text: N/AV

Decomp Text: UNKNOWN

Vapor Pres: N/AV

Vapor Density: N/AV

Spec Gravity: N/AV

Evaporation Rate & Reference: N/AV

Solubility in Water: N/AV

Appearance and Odor: SMOOTH BUTTERY BLACK GREASE; HYDROCARBON ODOR.

Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: AVOID HEAT, FLAMES.

Materials To Avoid: CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: CARBON MONOXIDE, MOLYBDENUM DISULFIDE, OXIDES OF ANTIMONY, SULFUR, NITROGEN AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR.

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Toxicological Information

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Toxicological Information: OCCUPATIONAL EXPOSURE LIMITS: MOLYBDENUM DISULFIDE- OSHA PEL/TWA=15 MG/M3, ACGIH TLV/TWA=10 MG/M3 (MOLYBDENUM, INSOLUBLE COMPOUND, AS MO). ANTIMONY DIALKYL DITHIOCARBAMATE- OSHA PEL/TWA=0.5 MG/M3, ACGIH TLV/TWA=0.5 MG/M3, OTHER=5 MG/M3 (CALOSHA LIMIT FOR RESPIRABLE DUST), (ANTIMONY COMPOUND, AS SB).

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Ecological Information

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Ecological: UNDER EPA-CWA, THIS PRODUCT IS CONSIDERED AN OIL UNDER SECTION 311. SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802.

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MSDS Transport Information

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Transport Information: DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT HAZARDOUS BY D.O.T. REGULATION S.

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Regulatory Information

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Sara Title III Information: UNDER SARA TITLE III, SECTION 313, THIS PRODUCT CONTAINS AN ANTIMONY COMPOUND.

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

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Other Information

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Other Information: HEALTH=1, FIRE=1, REACTIVITY=0. HAZARD RTING: LEAST-0,  
SLIGHT-1, MODERATE-2, HIGH-3, EXTREME-4.

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Transportation Information

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Responsible Party Cage: 07950

Trans ID NO: 84483

Product ID: ROYCO 64 GREASE

MSDS Prepared Date: 07/23/1997

Review Date: 02/06/1996

MFN: 3

Net Unit Weight: 1.75 POUNDS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY

: G

Type Of Container: CAN

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Detail DOT Information

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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information

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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label

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Product ID: ROYCO 64 GREASE

Cage: 07950

Company Name: ROYAL LUBRICANTS COMPANY INC.

Street: 215 MERRY LN

PO Box: 518

City: EAST HANOVER NJ

Zipcode: 07936

Health Emergency Phone: 201-887-7410

Label Required IND: Y

Date Of Label Review: 02/06/1996

Status Code: C

MFG Label NO: NONE

Label Date: 02/06/1996

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire

Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION.

KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. FIRST AID: EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF INJECTED UNDER THE SKIN GET MEDICAL ATTENTION PROMPTLY. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE

VOMITING. IF OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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