

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 64D LUBRICATING GREASE -- 9150-00-965-2003

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Product Identification
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Product ID:ROYCO 64D LUBRICATING GREASE

MSDS Date:08/31/1988

FSC:9150

NIIN:00-965-2003

MSDS Number: BSDPV

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:72 EAGLE ROCK AVE

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-31

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Emergency Phone Num:201-887-7411

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:ADIPIC ACID; DIISOCTYL ESTER

CAS:1330-86-5

Fraction by Wt: 70-80%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt

: 3-7% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:ACETIC ACID, CALCIUM SALT
CAS:62-54-4
RTECS #:AF7525000
Fraction by Wt: < 3.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM 12 HYDROXYSTEARATE
CAS:7620-77-1
Fraction by Wt: 10-15% %
Other REC Limits:NONE RECOMMENDED

Ingred Name:NON HAZARDOUS INGREDIENTS
Fraction by Wt: < 5.0%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixt

ure:NOT SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:MAY BE SLIGHTLY IRRITATING TO EYES.

PROLONGED AND/OR REPEATED CONTACT AMAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITS, FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE USUAGE MAY RESULT IN I NJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, DERMATITIS, FOLLICULITIS, OIL ACNE. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE AND SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

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First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET DOCTOR.

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Fire Fighting Measures
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Flash Point:400F,204C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

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Accidental
Release Measures
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Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE CAUTIOUS JUDGMENT WHEN CLEANING UP. WEAR RESPIRATOR AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF POSSIBLE. SOAK UP WITH AN ABSORBENT SUCH AS CLAY, SAND, ETC. FLUSH AREA WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM FLAMES AND HIGH TEMPERATURES.
Other Precautions:LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.
Ventilation:MECHANICAL TO MAINTAIN CONCENTRATIONS BELOW A

CCEPTABLE
LEVELS.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:SAFETY GLASSES OR GOGGLESS

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH
VISCOSITY, LOW VOLATILITY PRODUCTS.

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

HCC:V6

Boilin

g Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.89

Evaporation Rate & Reference:NIL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SMOOTH BUTTERY BLACK GREASE, HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:AVOID HEAT, FLAME

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER UNID
ENTIFIED

ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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