

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 22D, 22C -- 9150-00-181-7724

===== Product Identification =====

Product ID:ROYCO 22D, 22C

MSDS Date:07/03/2000

FSC:9150

NIIN:00-181-7724

Status Code:A

MSDS Number: CLNYW

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:215 MERRY LN

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936-0518

Country:US

Info Phone Num:973-887-7411/7410

Emerge

ncy Phone Num:973-887-7411

Resp. Party Other MSDS Num.:710,006-3

Chemtrec Ind/Phone:(800)424-9300

CAGE:07950

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT

Address:2275 TUCKER INDUSTRIAL RD

Box:City:TUCKER

State:GA

ZIP:30084

Country:US

Phone:770-938-4513/FAX 770-938-3966

Contract Num:SP0450-01-MLN05

CAGE:1MDA6

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:07

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Composition/Information on Ingredients  
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Ingred Name:POLYALPHAOLEFINS

CAS:68037-01-4

Minumum % Wt:70.

Maxumum % Wt:80.

Ingred Name:CLAY (CAS # 68133-30-3)

Minumum % Wt:5.

Maxumum % Wt:10.

Ingred Name:SODIUM NITRITE

CAS:7632-00-0

RTECS #:RA1225000

&amp;lt; Wt:2.

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:SODIUM CHROMATE

CAS:7775-11-3

RTECS #:GB2955000

&amp;lt; Wt:1.

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:0.05 MG/M3

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name

:DIMETHYLFORMAMIDE

CAS:68-12-2

RTECS #:LQ2100000

&amp;lt; Wt:1.

OSHA PEL:30 MG/M3;10 PPM

ACGIH TLV:30 MG/M3;10 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:OTHER COMPONENTS (MIXTURE)

Minumum % Wt:10.

Maxumum % Wt:15.

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Hazards Identification  
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Health Hazards Acute and Chronic:EYE CONTACT: LUBRICATING GREASES ARE  
GENERALLY CONSIDERED NO MORE THAN MINIMALLY IRRITATING TO THE EYES.  
SKIN CONTACT: PROLONGED OR REPREATED CONTACT MAY CAUSE VARIOUS S

KIN

DISORDERS SUCH AS DERMATITIS, FOLLICULITIS, OR OIL ACNE. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION: NOT EXPECTED TO BE A RELEVANT ROUTE OF EXPOSURE. HOWEVER, UNDER HIGH TEMPERATURE CONDITIONS, VAPORS IRRITATING TO THE NOSE, THROAT AND UPPER RESPIRATORY TRACT MAY BE PRODUCED. INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.

Explanation of Carcinogenicity:IARC AND NTP HAVE DETERMINED THERE IS

SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY IN EXPERIMENTAL ANIMALS OF SODIUM CHROMATE. IARC HAS CLASSIFIED DIMETHYLFORMAMIDE AS POSSIBLY CARCINOGENIC.THIS SPECIFIC PRODUCT HAS NOT BEEN TESTED IN LONG-TERM, CHRONIC EXPOSURE TESTS. HOWEVER, HANDLING PROCEDURES AND SAFETY PRECAUTIONS IN THIS MSDS SHOULD BE FOLLOWED

Effects of Overexposure:EYE CONTACT:IRRITATION. SKIN CONTACT:

IRRITATION, DERMITITIS, FOLLICULITIS, OR OIL ACNE, LOCAL NECROSIS.

INHALATION: IRRITATION OF NO

SE, THROAT, AND UPPER RESPIRATORY

TRACT. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

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

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

First Aid:EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOT

HING. WIPE EXCESS OFF. WASH WITH SOAP AND WATER OR

A WATERLESS HAND CLEANER FOLLOWED BY SOAP AND WATER. DO NOT REUSE CLOTHING UNTIL CLEANED. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY; DO NOT WAIT FOR SYMPTOMS TO DEVELOP.

INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. INGESTION: DO NOT INDUCE VOMITING. NO TREATMENT NECESSARY UNLESS LARGE QUANTITIES INGESTED.

GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:~232.2C, 450.F

SYNTH HYDRO.

Lower Limits:N/AV

Upper Limits:N/AV

Extinguishing Media:USE WATER FOG, 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 PROPER PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF-CONTA

INED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER. PRODUCT CONTAINS A CHROMIUM COMPOUND. UNDER EPA-RCRA (40CFR 261.24). A WASTE MATERIAL IS CLASSIFIED AS HAZARDOUS IF IT EXHIBITS CHARACTERISTIC OF TOXICITY BASE ON AN EXTRACTED VALUE OF GREATER THAN 5 MG/L OF CHROMIUM (HAZARDOUS WASTE

# D0007) AS MEASURED BY THE TOXIC CHARACTERISTICS LEACHING PROCEDURE (TCLP). (CONTD. BELOW).

Neutralizing Agent:NOT PROVIDED. (CONTD. FROM ABOVE) REFER TO LATEST EPA OR LOCAL REGULATIONS REGARDING DISPOSAL.

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

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

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER

BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.

Ventilation:PROVIDE ADEQUATE VENTILATION.

Protective Gloves:USE OIL RESISTANT GLOVES

Eye Protection:EYE PROTECTION SHOULD BE WORN IF USED IN HIGH PRESSURE

APPLICATIONS.

Other Protective Equipment:USE CLOTHING AS NEEDED TO MINIMIZE SKIN CONTACT.

Supplemental Safety and Health

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

HCC:V5

NRC/State Lic Num:N./R

Boiling Pt:B.P. Text:NOT AVAILABLE

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:INSOLUBLE

Appearance and Odor:BROWN, SMOOTH; SLIGHT ODOR

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

Stability Indicator/Materials t

o Avoid: YES

CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HEAT, OPEN FLAME.

Hazardous Decomposition Products: A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID PARTICULATES & GASES WILL EVOLVE WHEN THIS MATERIAL UNDERGOES PYROLYSIS OR COMBUSTION. CARBON MONOXIDE & UNIDENTIFIED ORGANIC COMPOUNDS FORMED UPON COMBUSTION

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Ecological Information =====

Ecological: EPA - CLEAN WATER ACT

(CWA). THIS PRODUCT IS CLASSIFIED AS

AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING (A) SURFACE WATERS OR (B) ANY WATERCOURCES OR SEWERS ENTERING/LEAVING TOSURF ACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

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

Waste Disposal Methods: MATERIAL MAY BE RECYCLED. CURRENTLY, HAZARDOUS USED OIL RECYCLED BY BEING BURNED FOR ENERGY RECOVERY IS MINIMALLY REGULATED UNDER RCRA (A VARIETY OF ADMINISTRATIVE REQUIREMENTS MUST BE MET). USED OIL RECYCLED ANY OTHER WAY IS CURRENTLY EXEMPT FROM SUBTITLE C REGULATIONS. CHECK YOUR LOCAL, AND STATE AUTHORITIES FOR OTHER REGULATIONS THAT MAY APPLY.

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

Transport Information: NOT HAZARDOUS BY D.O.T. REGULATIONS.

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

SARA Title III Information: UNDER SARA TITLE I

II SECTION 313, THIS

PRODUCT CONTAINS CHROMIUM COMPOUNDS.

Federal Regulatory Information: THE COMPONENTS OF THIS PRODUCT ARE

LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. SODIUM CHROMATE, A COMOMPONENT IN THIS PRODUCT, IS SUBJEC TO A PROPOSED TSCA SECTION 6 RULE. EXPORT OF THIS PRODUCT IS THEREFORE PROHIBITED WITHOUT NOTIFICATION TO EPA.

State Regulatory Information:

===== Other Information =====

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this information by the compiling agencies):

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