

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

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

Product ID:ROYCO 22D, 22C

MSDS Date:04/21/1992

FSC:9150

NIIN:00-181-7724

MSDS Number: BHJFK

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:6 CAMPUS DR

Box:518

City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Info Phone Num:201-887-7410

Emergency Phone Num:201-887-7411

CAGE:07950

=== Contractor Identification ===

Company Name:CONVOY OIL CORP

Address:1410 N FRONT STREET

Box:29366

City:PHILADELPHIA

State:PA

ZIP:19125

Country:US

Phone:215-739-5281

CAGE:6A438

Company Name:CSD, INC

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:800-424-9300

CAGE:0LWP6

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:215 MER

RY 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:POLYALPHAOLEFINS
CAS:68037-01-4
Minimum % Wt:70.
Maximum % Wt:80.

Ingred Name:ORGANOPHYLIC CLAY
CAS:71011-25-1
Minimum % Wt:5.
Maximum % Wt:10.

Ingred Name:SODIUM NITRITE (SARA III)
CAS:7632-00-0
RTECS #:RA1225000
< Wt:2.
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:SODIUM CHROMATE (SARA III)
CAS:7775-11
-3
RTECS #:GB2955000
< Wt:1.
OSHA PEL:0.1 PPM CRO3;CEILING
ACGIH TLV:0.05 MG CR/M3; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:SYNTHETIC ESTER
Minimum % Wt:1.
Maximum % Wt:2.

Ingred Name:OTHER COMPONENTS (TYPE NOT SPECIFIED)
= Wt:4.

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL RAT):85 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and

Chronic:ACUTE: EYE:MAY BE MILDLY IRRITATING.

SKIN: 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 EXP OSURE; HIGH TEMPERATURE VAPORS IRRITATERESPIRATORY TRACT. INGESTION: LOW LEVEL OF TOXICITY. CHRONIC: SKIN DISORDERS.

Explanation of Carcinogenicity:DATA PER MSDS;NORMAL USE OF THIS PRODUCT DOES INDICATE AN EXPOSURE TO CHROMIUM;USE AS DIRECTED.

Effects of Overexposur

e:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

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

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. EYE: FLUSH WITH WATER FOR 15 MINUTE

S WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH S OAP & WATER/WATERLESS CLEANER. REMOVE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS REQUIRED. GET MEDICAL ADVICE.

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

Flash Point Method:PMCC
Flash Point:=232.2C, 450.F
Lower Limits:N/AV
Upper Limits:N/AV

Extinguishing Media:USE WATER FOG. DRY CHEMICAL OR CO2
. DO NOT USE A
DIRECT 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-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER. PLACE IN AN APPROPRIATE CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT

T. WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES (SHOES) THAT CAN NOT BE DECONTAMINATED

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS.

RESPIRATORY

PROTECTION NOT ORDINARILY REQUIRED.

Ventilation:NONE REQUIRED,NORMAL ROOM VENTILATION.

Protective Gloves:NEOPRENE RUBBER AS REQUIRED.

Eye Protection:SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:EYE WASH STATION,CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

DO NOT GET IN EYES OR ON CLOTHING.

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

HCC:V6

Boiling Pt:B.P. Text:NOT AVAILABLE

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

Vapor Pres:NOT AVAILABLE

Vapor Density:N/AVAIL

Spec Gravity:NOT AVAILABLE

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN,SMOOTH,SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

AVOID HEAT, OPEN FLAME AND CONTACT WITH STRONG O

XIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, OPEN FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT ON THE COMBUSTION CONDITIONS. A COMPLEX MIXTURE OF AIEBORNE SOLID, LIQUID PARTICULATES AND GASES WILL EVOLVE WHEN THIS MATERIAL UNDERGOES PYROLYSIS

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CONTAINS CHROMATE, CONTACT LOCAL ENVIRONMENTAL MANAGER FOR PROPER DISPOSAL PROCEDURES.

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