

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 22 MS -- 9150-01-345-6449

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Product Identification
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Product ID:ROYCO 22 MS

MSDS Date:07/15/1998

FSC:9150

NIIN:01-345-6449

MSDS Number: CJFSH

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Box:518

City:E. HANOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-7410

Emergency Phone Num:973-887-7410 NOTE AREA CODE

Resp. Party

Other MSDS Num.:710,007-02

Chemtec 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:SP0450-00-M-C725

CAGE:1MDA6

Company Name:CONVOY OIL CORP

Address:1410 N FRONT STREET

Box:29366

City:PHILADELPHIA

State:PA

ZIP:19125

Country:US

Phone:215-739-5281

Contract Num:SP0450-99-M-B011

CAGE:6A438

Company Name

:ROYAL LUBRICANTS CO INC (REPLACED BY CAGE CODE 07950)

Address:MERRY LANE

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Phone:201-887-7410

CAGE:6V632

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

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0450-99-M-B178

CAGE:0PGK2

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

Ingred Name:POLYALPHAOLEFINS/1-DECENE, HOMOPOLYMER, HYDROGENATED

CAS:68037-01-4

Minumum % Wt:60.

Maxumum % Wt:65.

Other REC Limits:NONE RECOMMENDED

Ingred Name:ORGANOPHILIC CLAY

CAS:71011-25-1

Minumum % Wt:5.

Maxumum % Wt:10.

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

Ing

red Name:SODIUM NITRITE (CERCLA)
CAS:7632-00-0
RTECS #:RA1225000
< Wt:1.5
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:GRAPHITE
CAS:7782-42-5
RTECS #:MD9659600
Minumum % Wt:2.
Maxumum % Wt:4.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MPPCF; Z-3
ACGIH TLV:2 MG/M3 RDUST; 9596

Ingred Name:SYNTHETIC ESTERS
CAS:68424-31-7
< Wt:3.
Other REC Limits:NONE RECOMMENDED

Ingred Name:OTHER ADDITIVES
< Wt:16.
Other REC Limits:NONE RECOMMENDEDN

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

Health Hazards Acute and Chronic:HEALTH INFORMATION: 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. RELEAS E DURING HIGH PRESSURE USAGE MAY RESULTIN INJECTION OF OIL INTO THE SKIN CAUSEING LOCAL NECROSIS. INHALATION: NOT EXPECTED TO BE A RELEVANT ROUTE OF EXPOSURE.:HOWEVER, UNDER HIGH TE
MPERATURE CONDITION S, VAPORS IRRITATING TO THE NOSE, THROAT AND UPPER RESPIRATORY SYSTEM MAY BE PRODUCED. INGESTED: NO SPECIFIC INFORMATION IDENTIFIED.

Explanation of Carcinogenicity:NOT PROVIDED.

Effects of Overexposure:EYE: IRRITATION. SKIN: DERMITITIS, FOLLICULITIS OR OILY ACNE. INHALATION: IRRITATING TO NOSE, THROAT, AND UPPER RESPIRATORY TRACT. IRRITATION AS NOTED ABOVE. LOCAL NECROSIS IS EVIDENCED BY DELAYED ON SET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING T

HE INJECTION.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING 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 CLOTHING AND WIPE EXCESS OFF. WASH SKIN WITH WATERLESS CLEANER AND/OR SOAP AND WATER. IF IRRITATION PERSISTS,GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS DAMAGE. DO NOT WAIT FOR SYMPTOMS. INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. GET MEDICAL ADVICE-

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

Flash Point Method

:PMCC

Flash Point:>254.4C, 490.F

Lower Limits:N/AV

Upper Limits:N/AV

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. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

Unusual Fire/Ex

losion Hazard:NONE SPECIFIED BY MANUFACURER.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER.

Neutralizing Agent:NOT RELEVANT.

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

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

Other Precautions:DO NOT GET IN EYE

S. MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.
Ventilation:ADEQUATE
Protective Gloves:OIL RESISTANT
Eye Protection:GOGGLES/SAFETY GLASSES RECOMMENDED
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK 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
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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===== Physical/Chemical Properties =====

HCC:V6
Solubility in Water:INSOLUBLE
Appearance and Odor:BLACK BUTTERY GREASE - SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAME
Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID PARTICULATES AND GASES WILL EVOLVE. CARBON MONOXIDE AND OTHER COMPOUNDS MAY BE FORMED UPON COMBUSTION.

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===== Toxicological Information =====

Toxicological Information:NONE SPECIFIED BY MANUFACTURER.

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

Ecological:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH ALL LOCAL REGULATIONS. THIS PRODUCT IS CONSIDERED AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. .
REPORTABLE QUANTITIES

TITY OF THIS PROD UCT IS 6,700 LBS. REPORT SPILL TO
THE NATIONAL RESPONSE CENTER AT 800-424-8802, IF REQUIRED.

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

Transport Information:NOT HAZARDOUS UNDER US DOT REGULATIONS.

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

SARA Title III Information:NOT PROVIDED.

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

ER ACT: THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311
OF THE CLEAN WATER ACT. SPILLS ENTER ING (A) ANY WATERCOURSES OR
SEWERS ENTERING/LEAVING TO SURFACE WATERS THAT CAUSE A SHEEN MUST
BE REPORTED TO THE NATIONAL RESPONSE CENTER 800-424-8002.

State Regulatory Information:NONE SPECIFIED BY MANUFACURER.

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

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r use by elements of the Department
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