

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 22CF -- 9150-01-262-3358

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

Product ID:ROYCO 22CF

MSDS Date:07/15/1998

FSC:9150

NIIN:01-262-3358

Kit Part:Y

MSDS Number: CCSWW

=== 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:201-887-3100/7410

Emergency Phone N

um:973-887-7411

Resp. Party Other MSDS Num.:710,006-5

Chemtrec Ind/Phone:(800)424-9300

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

Contract Num:SP0450-00-D-0042

CAGE:07950

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

Contract Num:SP0450-00-M-C029

CAGE:0795

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Composition/Information on Ingredients
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Ingred Name:POLYALPHAOLEFINS
CAS:68037-01-4
> Wt:80.
Other REC Limits:NONE RECOMMENDED

Ingred Name:CLAY
CAS:68153-30-0
Minumum % Wt:1.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM NITRITE (CERCLA)
CAS:7632-00-0
RTECS #:RA1225000
Minumum % Wt:1.
Maxumum % Wt:2.
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:CALCIUM ACETATE
CAS:62-54-4
RTECS #:AF7525000
Min
umum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED

Ingred Name:SYNTHETIC ESTERS
CAS:68424-31-7
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVE
< Wt:5.
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:NONE 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:ACUTE: EYES: IRRITATION. SKIN: RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL INTO SKIN CAUSING LOCAL NECROSIS. INHALATION: NOT A ROUTE OF EXPOSURE. HOWEVER, UNDER HIGH TEMPERATURE CONDITIONS, VAPORS IRRITATING TO NOSE, THROAT AND UPPER RESPIRATORY TRACT MAY BE PRODUCED. INGESTION: NO SPECIFIC INFORMATION IDENTIFIED. CHRONIC: SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS, FOLLICULITIS, OIL ACNE.

Explanation of Carcinogenicity:NON SPECIFIED BY MANUFACTURER.

Effects of Overexposure:EYES: IRRITATION. SKIN: DERMATITIS, FOLLICULITIS, OIL ACNE, LOCAL NECROSIS EVIDENCED BY 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.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WIPE EXCESS OFF. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. NO TREATMENT NECESSARY UNLESS LARGE AMOUNTS INGESTED. HOWEVER, GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC
Flash Point:=-232.2C, 450.F

Extinguishing Media:WATER FOG, DRY CHEMICAL, CARBON DIOXIDE. DO NOT USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN REIGNITE ON SURFACE OF WATER.

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS, SURROUNDING EQUIPMENT, AND STRUCTURES WITH WATER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

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Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER. THIS PRODUCT IS CONSIDERED AN OIL UNDER SECTION 311 EPA-CWA. SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED T O NATIONAL RESPONSE CENTER, 800-424-8802.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage

Handling and Storage Precautions:STORE IN COOL, DRY AREA WITH ADEQUATE

VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.
Other Precautions: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:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:OIL RESISTANT GLOVES TO MINIMIZE CONTACT

Eye Protection:GOGGLES WHERE HIGH PRESSURE IS INVOLVED.

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

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NORMAL USE OF THIS PRODUCT SHOULD NOT RESULT IN OVEREXPOSURE TO SODIUM NITRITE. HOWEVER, IN CASE OF ACCIDENTAL INGESTION, SODIUM NITRITE MAY ALTER THE BLOOD (HEMOGLOBIN) TO REDUCE OXYGEN CARRYING CAPA
CITY: CYANOSIS (BLUISH SKIN), SHORTNESSOF BREATH, PALPITATIONS,

COMA, AND/OR DEATH MAY OCCUR.

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Physical/Chemical Properties

HCC:V6

Boiling Pt:B.P. Text:NA

Evaporation Rate & Reference:N/A (N-BUTYL ACETATE = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK BROWNISH, PURPLE GREASE, NO ODOR.

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Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT& OPEN FLAMES.

Hazardous Decomposition Pr

Products: AIRBORNE SOLIDS, LIQUID PARTICULATES,
GASES, CARBON MONOXIDE, AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE
FORMED DURING COMBUSTION.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Toxicological Information: NONE SPECIFIED BY MANUFACTURER.

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

Ecological: ENVIRONMENTAL HAZARDS: 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
WATERCOURSES OR SEWERS ENTERING/LEAVING TO SURFACE WATERS THAT
CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER,
800-424-8302.

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

Waste Disposal Methods: IF THIS PRODUCT BECOMES A WASTE, IT WOULD NOT BE
A HAZARDOUS WASTE BY RCRA (40 CFR). PLACE IN AN APPROPRIATE DISPOSAL
FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

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

Transport Information: NOT HAZARDOUS BY DOT REGULATIONS.

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

SARA Title III Information: UNDER SARA TITLE III, SECTION 313 THIS
PRODUCT CONTAINS SODIUM NITRITE. ORAL RAT LD50=85 MG/KG.
Federal Regulatory Information: THE COMPONENTS OF THIS PRODUCT ARE
LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.
State Regulatory Information: NONE SPECIFIED BY MANUFACTURER.

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

Disclaimer (provided with this information by the compiling agencies):
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