

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 43 C -- 9150-00-119-9291

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

Product ID:ROYCO 43 C

MSDS Date:07/15/1998

FSC:9150

NIIN:00-119-9291

Status Code:A

MSDS Number: CKXVK

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:MERRY LN

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936-0518

Country:US

Info Phone Num:973-887-7410

Emergency Phone Num:(80

0)424-9300

Resp. Party Other MSDS Num.:750-004-3

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

CAGE:07950

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

Ingred Name:SYNTHETIC ESTER (ADIPIC ACID, DIISOCTYL ESTER)

CAS:1330-86-5

Minumum % Wt:20.

Maxumum % Wt:30.

Ingred Name:HYDROCARBONS (68649-12-7)

Minimum % Wt:50.
Maximum % Wt:60.

Ingredient Name:LITHIUM HYDROXYSTEARATE
CAS:7620-77-1
Minimum % Wt:10.
Maximum % Wt:20.

Ingredient Name:OTHER COMPONENTS (NON-HAZARDOUS)
< Wt:6.

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: MAY BE MILDLY IRRITATING TO THE EYES. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN 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: NO SPECIFIC INFORMATION IDENTIFIED. INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.
Effects of Overexposure:IRRITATION. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.
Medical Condition Aggravated by Exposure:PREEXISTING EYE AND SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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First Aid Measures
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First Aid:EYE: FLUSH EYES WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND WIPE EXCESS OFF. WASH WITH SOAP AND WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP AND WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS DAMAGE: DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: SEE "OTHER INFORMATION" SECTION.

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Fire Fighting Measures
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Flash Point Method:COC
Flash Point:>204.4C, 400.F
Lower Limits:N/AV
Upper Limits:N/AV
Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CO2. DO NOT USE A DIR

ECT STRAM 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-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS, SURROUNGING EQUIPMENT AND STRUCTURES WITH WATER.

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

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

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKNG, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER

Other Precautions:PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECOMINATED.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.

Protective Gloves:OIL RESISTANT

Work Hygienic Practices:USE OIL RESISTANT GOVES AND OTHER CLOTHING AS NEEDED TO MINIMIZE SKIN CONTACT.

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:B.P. Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

Solubility in Water:INSOLUBLE

Appearance and Odor:SMOOTH TAN GREASE WITH SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES

CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT AND OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:NO OSHA/PEL OR ACGIH/TLV HAS BEEN ESTABLISHED.

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

Ecological:EPA CLAEAN WATER ACT (CWA): THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING SUFCAE WATER OR ANY WATERCOURCES OR SEWERS ENTERING OR LEAVING TO SURFACE WAT ERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

===== Disposal Con siderations =====

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

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

Transport Information:NOT HAZARDOUS BY DOT REGULATIONS.

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

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

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her Information =====

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