

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 22MS; LUBRICATING GREASE; MIL-G-81827 --
9150-00-408-9635

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

Product ID:ROYCO 22MS; LUBRICATING GREASE; MIL-G-81827

MSDS Date:07/15/1998

FSC:9150

NIIN:00-408-9635

MSDS Number: BDXXN

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:6 CAMPUS DR

Box:518

City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Inf

o Phone Num:201-887-7410

Emergency Phone Num:973-887-7410

Resp. Party Other MSDS Num.:710.007-2

Chemtrec Ind/Phone:(800)424-9300

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: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:RALRUBE INC.

Addre

E
CAS:7782-42-5
RTECS #:MD9559600
Minumum % Wt:2.
Maxumum % Wt:4.
OSHA PEL:15 MPPCF RDUST
ACGIH TLV:2 MG/M3 RDUST; 9293

Ingred Name:SYNTHETIC ESTERS
CAS:68424-31-7
< Wt:3.

Ingred Name:OTHER ADDITIVES
< Wt:16.

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

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

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY
CARCINOGENS IDENTIFIED BY IARC, NTP OR OSHA.

E
Effects of Overexposure:IRRITATION AS NOTED. LOCAL NECROSIS IS
EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS
FOLLOWING INJECTION.

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

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

First Aid:EYE-FLUSH WITH WATER FOR 15 MIN WHILE HOLDING EYELIDS OPEN.
GET MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHING. WIPE
EXCESS OF

F. WASH WITH SOAP/WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP /WATER. DO NO REUSE CLOTHING UNTIL CLEANED. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION TO PREVENT SERIOUS DAMAGE. DO NOT WAIT FOR SYMPTOMS TO DEVEOP. INHALATION-REMOVE VICTIM TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION-DO NOT INDUCE VOMITING, IN GENERAL NO TREATMENT IS NEEDED. HOWEVER, GET ME DICAL ADVICE.

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

Flash Point Method:PMCC

Flash Point:>254.4C, 490.F

Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE. 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-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

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

Spill Release Procedures:SCOOP UP EXCESS. CLEAN AREA WITH SUITABLE SOLVENT OR DETERGENT.

===== 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. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NORMALLY NOT REQUIRED.

Ventilation:NORMAL ROOM VENTILATION IS EXPECTED TO BE SUFFICIENT.

Protective Gloves:OIL RESISTANT GLOVES.

Eye Protection:EYE PROTECTION SHOULD BE WORN.

Other Prot

ective Equipment:USE OIL RESISTANT GLOVES AND OTHER CLOTHING AS NEEDED TO MINIMIZE SKIN CONTACT.

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

Supplemental Safety and Health

NOTE TO THE PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, I.E. MOST OILS AND GREASES. ROYCO 22MS IS A SMOOTH, GRAY - BLACK COLORED SYNTHETIC OIL BASED GREASE.

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

HCC:N1

Evaporation Rate & Reference:N/A (NBUAC=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:BLACK BUTTERY GREASE, SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:AVOID HEAT, OPEN FLAMES.

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

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

Toxicological Information:THIS SPECIFIC PRODUCT HAS NOT BEEN TESTED IN LONG-TERM, CHRONIC EXPOSURE TESTS. LUBRICATING GREASES ARE GENERALLY CONSIDERED TO BE OF A LOW ORDER OF ACUTE TOXICITY TO HUMAN & EXPERIMENTAL ANIMALS. HOWEVER, THE HANDLING PROCEDURES AND SAFETY PRECAUTIONS IN THIS MSDS SHOULD BE FOLLOWED TO MINIMIZE EMPLOYEE'S EXPOSURE.

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

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

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

Transport Information:DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT HAZARDOUS BY D.O.T. REGULATIONS.

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

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

CALS SUBSTANCES. UNDER

EPA-CWA: THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING (A) SURFACE WATERS OR (B) ANY WATERCOURSE OR SEWERS ENTERING/LEAVING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER. 800-424-8802.

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

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