

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 602 -- 9150-01-306-2470

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

Product ID:ROYCO 602

MSDS Date:01/12/1994

FSC:9150

NIIN:01-306-2470

MSDS Number: CFFJG

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:MERRY LN (FORMALLY 6 CAMPUS DR)

Box:518

City:EAST HANOVER (FORMALLY IN PARSIPPANY)

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-74

10/201-887-8404

Emergency Phone Num:201-887-7410/800-424-9300(CHEMTREC)

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:1-DECENE DIMER, HYDROGENATED/POLYALPHAOLEFIN

CAS:68649-11-6

Fraction by Wt: >98%

Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROTREATED MIDD

LE PETROLEUM DISTILLATE (SOLVENT REFINED)

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 0 - 70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY  
& GI TR

ACTS. ACUTE- NO MORE THAN MINIMALLY IRRITATING TO EYES AND  
SKIN. INJECTION UNDER SKIN CAUSES NECROSIS. INHALATION OF VAPOR/OIL  
MIST MAY CAUSE MILD IRRITATION. TOXIC TO INTERNAL ORGANS IF  
INHALED. INGESTION MAY CAUSE VOMITING. ASPIRATION HAZARD. CHRONIC-  
MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, NAUSEA, VOMITING,  
DERMATITIS, DEFATTING, NECROSIS, PAIN, LABORED BREATHING, COUGHING

Medical Cond Aggravated by Exposure:

PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE  
MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:CALL A DOCTOR IF SYMPTOMS OCCUR. EYE:FLUSH WITH WATER. HOLD  
EYELIDS OPEN. SKIN:WIPE EXCESS OFF. WASH SKIN WITH SOAP & WATER OR  
A WATERLESS HAND CLEANER FOLLOWED BY SOAP & WATER. IF MATERIAL IS  
INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY. DO NOT WAIT

FOR SYMPTOMS TO DEVELOP. INHALED:REMOVE TO FRESH AIR. PROVIDE  
CPR/OXYGEN IF NEEDED. ORAL:DO NOT INDUCE VOMITING. GET MEDICAL  
ADVICE.

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

Flash Point Method:COC

Flash Point:350F,177C

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T  
USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE  
REIGNITED.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA  
WITHOUT PROPER

PROTECTIVE EQUIPMENT AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE.

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

Spill Release Procedures:PICK UP SPILL WITH INERT MATERIAL SUCH AS  
SAND, CLAY, EARTH. SHOVEL INTO CONTAINERS FOR DISPOSAL. PREVENT  
RUN-OFF TO ENTER WATERWAYS, SEWERS. THIS IS AN OIL. SPILLS INTO OR  
LEADING TO SURFACE WATER TH AT CAUSE A SHEEN MUST BE REPORTED:  
800-424-8802.

Neutr  
alizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED PLACE  
AWAY FROM STRONG OXIDIZERS. KEEP OUT OF REACH OF CHILDREN.  
Other Precautions:AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY  
AFTER HANDLING. LAUNDRER CLOTHING BEFORE REUSE. AVOID INHALING  
MISTS. EMPTY CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS DUE TO THE  
RETENTION OF RESIDUE S. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKING IN CONFINED  
AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES  
EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR  
NIOSH-APPROVED ORGANIC VAPO R RESPIRATOR.  
Ventilation:GENERAL ROOM VENTILATION SHOULD BE SUFFICIENT.  
Protective Gloves:NITRILES IF PROLONGED/REPEATED CONTACT  
Eye Protection:SAFETY GOGGLES IF SPLASHING ANTICIPATED  
Other Protective Equi  
pment: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. DISCARD CONTAMINATED LEATHER GLOVES AND  
SHOES.  
Supplemental Safety and Health  
NOTE TO PHYSICIAN: IF MORE THAN 2.0 ML PER KG HAS BEEN INGESTED AND  
VOMITING HAS NOT OCCURED, EMESIS SHOULD BE INDUCED WITH  
SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS. IF SYMPTOMS SUCH AS  
LOSS OF GAG REFLEX, CO

EMERGENCY TREATMENT: IF VOMITING OR UNCONSCIOUSNESS OCCUR, GASTRIC  
LAVAGE USING A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

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

HCC:V6  
NRC/State Lic Num:NOT RELEVANT  
Melt/Freeze Pt:M.P/F.P Text:100F,38C  
Spec Gravity:0.7990  
Viscosity:5.3 CST @100F  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR LIQUID - ODORLESS

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HEAT, FLAMES  
Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID,  
LIQUID, PARTICULATES & GASES WILL EVOLVE. CARBON MONOXIDE & OTHER  
COMPD. MAY FORM.

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY  
IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.  
INCINERATION OR REUSE IS RECOMMENDED.

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