

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 602 -- 9150-01-419-0891

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

Product ID:ROYCO 602  
MSDS Date:01/12/1994  
FSC:9150  
NIIN:01-419-0891  
Status Code:A  
MSDS Number: CJDRD  
=== Responsible Party ===  
Company Name:ROYAL LUBRICANTS COMPANY INC.  
Box:518  
City:E. HANOVER  
State:NJ  
ZIP:07936  
Country:US  
Emergency Phone Num:201-887-7411  
Resp. Party Other MSDS Num.:740,078-4  
Chemtre  
c 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:1-DECENE, DIMER, HYDROGENATED; (POLYALPHAOLEFIN)  
CAS:68649-11-6  
> Wt:98.

Ingred Name:MINOR ADDITIVE; (ACUTE ORAL LD50: 24,000 MG/KG (RAT))  
< Wt:2.

===== Hazards Ident

ification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: EYE CONTACT: LUBRICATING BASE OILS ARE GENERALLY CONSIDERED NO MORE THAN MINIMALLY IRRITATING TO EYES. SKIN CONTACT: LUBRICATING BASE OILS ARE GENERALLY CONSIDERED NO MORE THAN MILDLY IRRITATING TO SKIN. PRLNGD/ RPTD LIQ CONTACT CAN RESULT IN DEFATTING & DRYING OF SKIN WHICH MAY RESULT IN SKIN

IRRITATION AND DERMATITIS. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL ONTO SKIN CAUSING LOCAL NECROSIS.

INHAL: SUBSTANCE IS MOD TOX TO INTERNAL ORGANS IF INHALED. INHAL OF VAP (GENERATED AT HIGH TEMP ONLY) OR OIL MIST MAY CAUSE MILD IRRIT OF MUC MEMB OF UPPER RESP TRAC T. (EFTS OF OVEREXP)

Effects of Overexposure:HLTH HAZ: INGESTION: THIS MATERIAL MAY BE HARMFUL OR FATAL IF SWALLOWED. INGESTION MAY RESULT IN VOMITING: ASPIRATION (BREATHING) OF V

OMITUS INTO THE LUNGS MUCT BE AVOIDED AS EVEN SMALL QUANTITIES MAY RESULT IN ASPIRATION PNEUMONITIS. SIGNS & SYMPTOMS: IRRITATION AS NOTED ABOVE. ASPRATION PNEUMONITIS MAY BE EVIDENCE BY COUGHING, LABORED BREATHING AND CYANOSIS (BLUISH SKIN): IN SEVERE CASES DEATH M AY OCCUR. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN, AND RESPIRATORY DISORDERS MAY B E AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE CONTACT: FLUSH W/H\*2O FOR AT LEAST 15 MIN. IF IRRITATION OCCURS, GET MED ATTN. SKIN CONTACT: REMOVE CONTAMD CLTHG/SHOES & WIPE EXCESS FROM SKIN. FLUSH SKIN W/H\*2O. FOLLOW BY WASHING W/SOAP & H\*2O . IF IRRIT OCCURS, GET MED ATTN. DO NOT REUSE CLTHG UNTIL CLEANED. IF MATL IS INJECTED UNDER SKIN, GET MED ATTN PROMPTLY TO PVNT SERIOUS INJURY. INHAL:

REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF B REATHING IS DIFFICULT. GET MED ATTN. INGEST: DO NOT INDUCE VOMIT. IF VOMIT OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PVNT ASPIR OF LIQ INTO LUNGS. GET MED ATTN. NOTE TO MD. IF MORE THAN 2.0 ML PER KG HAS BEEN INGESTED & (SUPDAT)

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

Flash Point Method:COC

Flash Point:=176.7C, 350.F

Lower Limits:N/AV

Upper Limits:N/AV

Extinguishing Media:USE WATER FOG, FOAM, DRY

CHEMICAL OR CO\*2. DO NOT

USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . MATERIAL WILL NOT BURN UNLESS PREHEATED. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE CAUTIOUS JUDGMENT WHEN CLEANING UP LRG SPILLS. LRG SPILLS: WEAR

RESP & PROT CLTHG AS APPROP. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE & CNTN. REMOVE W/VACUUM TRUCKS/ PUMP TO STOR/SALVAGE VESSELS. SOAK UP RESIDUE W/AN ABSORB SUCH AS CLAY, SAND/ OTHER SUITABLE MATL; DISPOSE OF PROPERLY. FLUSH AREA W/H\*20 TO REMOVE TRACE RESIDUE. (OTHER INFORMATION)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID BREATHING VAPORS OR MISTS.

MINIMIZE SKIN AND EYE CONTACT. STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

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

Respiratory Protection:USE A NIOSH-APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVEREXPOSURE. IN ACORD WITH 29 CFR 1910.134, USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN NIOSH APPROVED AIR-PURIFYING RESPIRATOR FOR ORGA NIC VAPORS.

Protective Gloves:NITRILE GLOVES

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS, OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

FIRST AID PROC: VOMITING HAS NOT OCCURRED, EMESIS SHOULD BE INDUCED WITH SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PVNT ASPIR. IF SYMPS SUCH AS LOSS OF GAG REFLEX, CONVUL/ UNCONSCIOUSNESS OCCUR BEFORE EMESIS, GAS

TRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

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

Spec Gravity:0.7990 (H\*2O=1)  
Viscosity:5.3 (CST @ 100 DEF F)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR, NO ODOR.

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

Stability Indicator/Materials to Avoid:YES  
AVOID HEAT, FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.  
Hazardous Decomposition Products:THERMAL DECOMP PRODS ARE HIGHLY  
DEPENDENT ON COMBUSTION CNDTNS. A COMPLEX MIXT OF AIRBORNE SOLID,  
LIQ, PARTICULATES & GASES WILL EVOLVE WHEN THIS MATL UNDERGOES  
PYROYSIS (OTHER INFORMATION)  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN  
COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. ENVIRONMENTAL  
HAZARDS: UNDER EPA-CWA. THIS PRODUCT IS CONSIDERED AN OI  
L UNDER  
SECTION 311. SPILLS INT O OR LEADING TO SURFACE WATERS THAT CAUSE A  
SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER,  
800-424-8802.

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

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

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

Federal Regulatory Information:THIS PRODUCT IS LISTED ON THE EPA/TSCA  
INVENTORY OF CHEM

ICAL SUBSTANCES.

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

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