

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 586M -- 9150-00-223-4130

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

Product ID:ROYCO 586M  
MSDS Date:04/21/1992  
FSC:9150  
NIIN:00-223-4130  
Status Code:A  
MSDS Number: CKTJW  
=== 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:201  
-887-7411  
Resp. Party Other MSDS Num.:750, 005-1  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:07950

=== Contractor Identification ===

Company Name:EMULTEC INDUSTRIAL PRODUCTS INC  
Address:1150 HAYDEN DR SUITE 100  
Box:City:CHARROLLTON  
State:TX  
ZIP:75006  
Country:US  
Phone:972-417-1288  
Contract Num:SP0450-00-W-2043  
CAGE:0WA27  
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/I

Information on Ingredients =====

Ingred Name:SEVERELY HYDROTREATED HEAVY NAPHTHENIC DISTILLATE  
(PETROLEUM)  
CAS:64742-52-5  
RTECS #:PY8035000  
Minimum % Wt:65.  
Maximum % Wt:75.

Ingred Name:SEVERELY HYDROTREATED LIGHT NAPHTHENIC DISTILLATE  
(PETROLEUM)  
CAS:64742-53-6  
RTECS #:PY8036000  
Minimum % Wt:25.  
Maximum % Wt:35.

Ingred Name:MINOR ADDITIVES  
&lt; Wt:6.

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

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

Health Hazards Acute and Chronic:EYE CONTACT: NOT EXPECTED TO BE MORE  
THAN MINIMALLY IRRITATING TO THE EYES. SKIN CONTACT: PROLONGED OR  
REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS  
DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION: INHALATION OF  
VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) MILDLY IRRITATING TO  
THE NOSE, THROAT AND RESPIRATORY TRACT. INGESTION: LUBRICATING OILS  
ARE GENERALLY CONSIDERED TO BE NO MORE THAN SLIGHTLY TOXIC IF  
INGESTED.

Explanation

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY  
CARCINOGEN AS DEFINED BY IARC, NTP OR OSHA.

Effects of Overexposure:IRRITATION AS NOTED ABOVE.

Medical Conditions Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE CONTACT : FLUSH EYES WITH WATER. IF IRRITATION OCCURS,  
GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED  
CLOTHING/

SHOES AND WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER.

FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ADVICE.

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

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h Point:>93.3C, 200.F

EST.

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:SULFUR OXIDES AND HYDROGEN SULFIDE, BOTH OF WHICH ARE TOXIC MAY BE RELEASED UPON COMBUSTION.

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

Spill Release Procedures:SMALL SPILLS\*\*\*TAKE UP WITH AN ABSORBENT MATERIAL AND DISPOSE OF PROPERLY.

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===== 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:ENVIRONMENTAL HAZARDS: UNDER EPA-CWA, THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311. SPILLS INTO OR LEADING TO SURFACE WATER THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTE R, 800-424-8802.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPO

SURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Protective Gloves:WEAR GLOVES AS REQUIRED TO MINIMIZE CONTACT.

Eye Protection:WEAR SAFETY GLASSES OR GOGGLES AS APPROPRIATE.

Other Protective Equipment:WEAR CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

Work Hygienic Practices:AVOID CONTACT WITH EYES & PROLONGED OR REPEATED CONTACT WITH SKIN. WASH WITH SOAP AND WATER BEFORE EATING,

DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:V5

Boiling Pt:B.P. Text:NOT AVAILABLE

Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE

Vapor Pres:NOT AVAILABLE

Spec Gravity:APPROX. 0.85

Viscosity:70

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER OIL; MODERATE SULFUR ODOR.

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

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

Stability Condition to Avoid:HEAT, FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE, SULFUR OXIDES AND UNIDENTIFIED ORGANIC MATERIALS MAY BE FORMED DURING COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:ROYCO 586M, TLV/TWA=5 MG/M3; TLV/STEL=10 MG/

M3.

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

Waste Disposal Methods:PLACE 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 CHEMICAL SUBSTANCES.

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

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