

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 586M -- 9150-00-240-2235

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

Product ID:ROYCO 586M

MSDS Date:04/21/1992

FSC:9150

NIIN:00-240-2235

Status Code:A

MSDS Number: CJMRG

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Box:518

City:E. HANOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-7410

Emergency Phone Num:201-887-7411

Resp. Party Ot

her MSDS Num.:750.005-1

Chemtre 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:SP0450-99-M-B272

CAGE:0WA27

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:SP0450-99-MB309

CAGE:0WA27

Company Name:ROYAL LU

BRICANTS COMPANY INC.
Address:215 MERRY LN
Box:518
City:EAST HANOVER
State:NJ
ZIP:07936
Country:US
Phone:973-887-7411/7410
CAGE:07950

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

Ingred Name:SEVERELY HYDROTREATED HEAVY NAPHTHENIC DISTILLATE
CAS:64742-52-5
Code:F
RTECS #:PY8035000
Minumum % Wt:65.
Maxumum % Wt:75.

Ingred Name:SEVERELY HYDROTREATED LIGHT NAPHTHENIC DISTILLATE
CAS:64742-53-6
Code:F
RTECS #:PY8036000
Minumum % Wt:25.
Maxumum % Wt:35.

Ingred Name:MINOR ADD
ITIVES
< Wt:6.

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT: NOT EXPECTED TO BE MORE
THAN MINIMALLY IRRITATING TO EYES. SKIN CONTACT: PROLONGED OR
REPEATED CONTACT MAY CAUSE VARIOUS DISORDERS SUCH AS DERMATITIS,
FOLLICULITIS OR OIL ACNE. INHALATION : INHALAT
ION OF VAPORS
(GENERATED AT HIGH TEMPERATURES ONLY) MILDLY IRRITATING TO THE
NOSE, THROAT AND RESPIRATORY TRACT. INGESTED: LUBRICATING OILS ARE
GENERALLY CONSIDERED TO BE NO MORE THAN SLIGHTL Y TOXIC IF
INGESTED.
Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY
CARCINOGEN AS IDENTIFIED BY IARC, NTP OR OSHA.
Effects of Overexposure:IRRITATION AS PREVIOUSLY NOTES.
Medical Cond Aggravated by Exposure:PREEXISTING SKIN & RESPIRATORY
DISORDERS MAY BE AGGRAVATED

BY EXPOSURE TO THIS PRODUCT.

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

First Aid: EYES-FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. SKIN CONTACT-REMOVE CONTAMINATED CLOTHES/SHOES & WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP & WATER. IF IRRITATION OCCURS, 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 =====

Flash Point: >93.3C, 200.F

Lower Limits: N/A

Upper Limits: N/A

Extinguishing Media: USE WATER, FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE (CO2). DO NOT USE 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 & DISPOSE OF PROPERLY. LARGE SPILL: WEAR RESPIRATOR & APPROPRIATE PROTECTIVE CLOTHING. SHUT OFF SOURCE IF SAFE TO DO SO. DIKE & CONTAIN. REMOVE WITH VACUUM TRUCK OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL; DISPOSE OF PROPERLY. FLUSH WITH WATER TO REMOVE TRACE RESIDUE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: STORE IN A COOL, DRY PLACE WITH

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ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SEC. IV) USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 28 CFR 1910.134 USE EITHER AN

ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION.

Protective Gloves:WEAR GLOVES AND OTHER CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

Eye Protection:WEAR SAFETY GLASSES OR GOGGLES AS APPROPRIATE.

Other Protective Equipment:WEAR RESPIRATOR AND PROTECTIVE CLOTHING AS APPROPRIATE.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:V6

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:CS (100F): 70

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER OIL: MODERATE SULFUR ODOR.

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

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

Stability Condition to Avoid:AVOID HEAT, FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.

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

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicologica

I Information:NONE SPECIFIED BY MANUFACTURER.

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Ecological Information
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Ecological:UNDER EPA-CWA, THIS PRODUCT IS CLASSIFIED S AN OIL UNDER SECTION 311. SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

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Disposal Considerations
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Waste Disposal Methods:PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

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MSDS Transport Information
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Transport Information:NOT HAZARDOUS BY DOT REGULATIONS.

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Regulatory Information
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SARA Title III Information:NONE SPECIFIED BY MANUFACTURER.
Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.
State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

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Other Information
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