

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

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

Product ID:ROYCO 586M

MSDS Date:05/06/1998

FSC:9150

NIIN:00-240-2235

Status Code:A

MSDS Number: CLSFQ

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:215 MERRY LN

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:973-887-7411/7410

Emergency Phone Num

:(800)424-9300

Resp. Party Other MSDS Num.:750006-02

Chemtrec Ind/Phone:(800)424-9300

CAGE:07950

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT

Address:2275 TUCKER INDUSTRIAL RD

Box:City:TUCKER

State:GA

ZIP:30084

Country:US

Phone:770-938-4513/FAX 770-938-3966

Contract Num:SP0450-02-M-L341

CAGE:1MDA6

Company Name:ROYAL LUBRICANTS COMPANY INC.

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Composition/Information on Ingredients
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Ingred Name:SEVERELY HYDROTREATED HEAVY NAPHTHENIC DISTILLATE
CAS:64742-52-5
RTECS #:PY8035000
Minumum % Wt:65.
Maxumum % Wt:75.

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

Ingred Name:MINOR ADDITIVES (MIXTURE)
< Wt:6.

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

Health Hazards Acute and Chronic:BASED ON DATA AVAILABLE TO ROYAL
COMPONENTS IN THIS PRODUCT ARE NOT HAZARDOUS UNDER OSHA HAZARD
COMMUNICATION (29 CFR 1910.1200).

Effects of Overexposure:ACUTE EFFECTS ON HUMANS: AGGRAVATED MEDICAL
CONDITIONS: PREEXISTING EYE AND SKIN DISORDERS MAY BE AGGRAVATED BY
EXPOSURE TO COMPONENTS OF THIS PRODUCT.

Medical Cond Aggravated by Exposure:PREEXISITING EYE AND SKIN DISORDERS
MAY BE AGGRAVATED BY EXPOSURE TO COMPONENTS OF THIS PRODUCT.

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First Aid Measures
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First Aid:EYE CONTACT: FLUSH WITH WATER FOR 15 MINTUES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE
CONTAIMANTED CLOTHING/SHOES AND WIPE EXCESS FROM SKIN. FLUSH SKIN
WITH WATER. FOLLO W BY WASHING WITH SOAP AND WATER. IF IRRITATION
OCCURS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR.
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.

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

Flash 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:PRODUCT IS COMBUSTIBLE. FIRE DEGRADATION: CARBON OXIDES (CO, CO2).

Unusual Fire/Explosion Hazard:HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION PRODUCTS ARE DEPENDENT ON COMBUSTION CONDITIONS. COMPLEX MIXTURE OF AIRBORN SOLID, LIQUID PARTICULATES, GASES WILL EVOLVE WHEN MATERIAL UNDERGOES PYROLYSIS OR COMBUSTION. CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

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

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE

CAUTIOUS JUDGEMENT WHEN CLEANING UP LARGE SPILLS. LARGE SPILLS; WEAR RESPIRATOR AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. (CONTD. SEE "OTHER INFORMATION").

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH

TEMPERATURES. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Other Precautions:MINIMIZE SKIN CONTACT. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT. BOND/AND GROUND TRANSFER CONTAINERS AND EQUIPMENT. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

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

Respiratory Protection:IF EXPOSURE EXCEEDS EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:IF USER OPERATION GENERATE DUST, FUME OR MIST, USE VENITALTION TO KEEP EXPOSURE CONTAMINATNTS BELOW THE EXPOSURE LIMIT.

Protective Glove

s:CHEMICAL RESISTANT GLOVES, NITRILE IS PREFERRED.

Eye Protection:WEAR SAFETY GOGGLES TO AVOID EYE CONTACT..

Other Protective Equipment:WEAR CHEMICAL RESISTANT GLOVES AND OTHER PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT.

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

Supplemental Safety and Health

KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE.

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

HCC:V6

Spec Gravity:0.85 APPROX

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER OIL, MODERATE SULFUR ODOR.

Percent Volatiles by Volume:NA

===== 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, CARBON DIOXIDE AND

OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DEPENDENT ON THE COMBUSTION CONDITIONS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:BASED ON DATA ABAILABLE TO ROYAL, COMPONENTS IN THIS PRODUCT ARE NOT HAZARDOUS UNDER OSHA HAZARD COMMUNICATION (29 CFR 1910.1200).

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

Waste Disposal Methods:PLACE IN AN

APPROPRIATE DISPOSAL FACILITY IN
COMPLIANCE WITH LOCAL REGULATIONS.

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

Transport Information:NOT A DOT CONTROLLED MATERIAL (UNITED STATES).

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

Federal Regulatory Information:HCS: NOT A N HCS CONTROLLED MATERIAL IN
USA. FEDERAL REGULATIONS: THE COMPONENTS OF THIS PRODUCT ARE LISTED
ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

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

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