

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 506B, LUBRICATING OIL, GEAR -- 9150-01-330-6167

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

Product ID:ROYCO 506B, LUBRICATING OIL, GEAR

MSDS Date:07/03/2000

FSC:9150

NIIN:01-330-6167

Status Code:A

MSDS Number: CKYWV

=== 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:973-887-7411

Emergency Phone Num:973-887-7411

Resp. Party Other MSDS Num.:ROYAL MSDS: 730,088-1

Chemtrec Ind/Phone:(800)424-9300

CAGE:07950

=== Contractor Identification ===

Company Name:AMERICAN INK AND OIL CORP

Address:33 ENDICOTT STREET

Box:City:NORWOOD

State:MA

ZIP:02062-3006

Country:US

Phone:781-762-0026 / FAX: 781-762-1617

Contract Num:SP0450-01M-GA36

CAGE:82956

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
Contract Num:SPO50-00-M-C399
CAGE:07950

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Composition/Information on Ingredients
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Ingred Name:POLYALPHAOLEFIN
CAS:68037-01-4
Minumum % Wt:70.
Maxumum % Wt:90.

Ingred Name:TRIISODECYL TRIMELLITATE
CAS:36631-30-8
Minumum % Wt:10.
Maxumum % Wt:30.

Ingred Name:MINOR ADDITIVES
< Wt:2.

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Hazards Identification
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LD50 LC50 Mixture:NOT AVAILABLE

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

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

Health Hazards Acute and Chronic:EYE CONTACT: CONSIDERED TO BE

MINIMALLY IRRITATING TO THE EYES. SKIN CONTACT: BASED UPON
COMPONENT INFORMATION, PRODUCT IS CONSIDERED TO BE MILDLY
IRRITATING TO THE SKIN. PROLONGED OR REPEATED LIQUID CONTACT CAN
RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN
IRRITATION AND DERMATITIS. INHALATION: EXPOSURE TO VAPORS
(GENERATED AT HIGH TEMPERATURES ONLY) AND/OR MISTS

MAY BE MILD LY

IRRITATING TO THE NOSE, THROAT AND RESPIRATORY TRACT. INGESTION:
INGESTION OF PRODUCT MAY RESULT IN VOMITING: ASPIRATION (BREATHING)
OF VOMITUS INTO THE LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITI ES
MAY RESULT IN ASPIRATION PNEUMONITIS.

Explanation of Carcinogenicity:NONE LISTED.

Effects of Overexposure:IRRITATION, ASPIRATION PNEUMONITIS MAY BE
EVIDENCED BY COUGHING, LABORED BREATHING AND CYANOSIS (BLUISH
SKIN): IN SEVERE CASES DEATH MAY OCCUR.

Medical Co

nd Aggravated by Exposure:PREEXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE TO COMPOUNDS OF THIS PRODUCT.

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

First Aid:EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES, WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED. INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:=-262.2C, 504.F

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON

DIOXIDE. 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.

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

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE CAUTIOUS JUDGEMENT WHEN CLEANING 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. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY

, SAND OR OTHER SUITABLE MATERIAL. DISPOSE OF PROPERLY. FLUSH AREA WITH WATER.

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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. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS, OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Other Precautions:UNDER EPA-CWA THIS PRODUCT IS CONSIDERED AN OIL AND CONTAINS A COMPONENT DESIGNATED AS A HAZARDOUS SUBSTANCE UNDER SECTION 311. SPILLS INTO OR LEADING TO WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER 800-424-9300.

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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 29 CFR 1910.124 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Ventilation:USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

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

Eye Protection:SAFETY GLASSES OR GOGGLES AS APPROPRIATE.

Other Protective Equipment:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

Supplemental Safety and Health

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

HCC:V5

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

Vapor Pres:NOT AVAILABLE

Spec Gravity:0.8644

Viscosity:53.28 CST

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:NEGLIBLE

Appearance and Odor:AMBER LIQUID, NO ODOR.

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

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

Stability Condition to Avoid:STABLE. AVOID HEAT, FLAME.

Hazardous Decomposition Product

ts:CARBON MONOXIDE, NITROGEN OXIDES,
SULFUR OXIDES, PHOSPHORUS OXIDES AND UNIDENTIFIED ORGANIC MATERIALS
MAY BE FORMED DURING COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Ecological Information =====

Ecological:UNDER EPA-CWA THIS PRODUCT IS CONSIDERED AN OIL AND CONTAINS
A COMPONENT DESIGNATED AS A HAZARDOUS SUBSTANCE UNDER SECTION 311.
SPILLS INTO OR LEADING TO WATERS THAT CAUSE A SHEEN MUST BE
REPORTED TO THE NATIONAL RESPONSE CENTER.

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

Waste Disposal Methods:IF THIS PRODUCT BECOMES A WASTE, IT WOULD NOT BE
A HAZARDOUS WASTE BY RCRA CRITERIA (40 CFR 261). PLACE IN AN
APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

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

Transport Information:NOT REGULATED.

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