

ROYAL LUBRICANTS COMPANY INC. -- ROYCO756A;ROYCO756 -- 9150-00-223-4134
===== Product Identification =====

Product ID:ROYCO756A;ROYCO756
MSDS Date:06/03/1997
FSC:9150
NIIN:00-223-4134
Status Code:A
MSDS Number: CJSPC
=== Responsible Party ===
Company Name:ROYAL LUBRICANTS COMPANY INC.
Address:MERRY LN
Box:518
City:EAST HANOVER
State:NJ
ZIP:07936
Country:US
Info Phone Num:201-887-7410
Emergency Ph
one Num:201-887-7411
Resp. Party Other MSDS Num.:720,004-4
Chemtrec 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
Contract Num:SP0450-99-D-4060
CAGE:07950

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

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

:80.
Maxumum % Wt:90.
Other REC Limits:NOT PROVIDED.
OSHA PEL:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

Ingred Name:POLYMERIC ADDITIVE IN OIL
Minimum % Wt:10.
Maxumum % Wt:16.
Other REC Limits:NOT PROVIDED.
OSHA PEL:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

Ingred Name:MINOR ADDITIVES
= Wt:.8
Other REC Limits:NOT PROVIDED.
OSHA PEL:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

Ingred Name:BUTYLATED TRIPHENYL PHOSPHATE
CAS:56803-37-3
< Wt:.5
Other REC Limits:NOT PROVIDED.
OSHA PEL:NOT PROVIDED.
ACGIH TLV:N
OT PROVIDED.

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT AVAILABLE.
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 THE EYES. SKIN CONTACT: PROLONGED OR
REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS
DERMATITIS. FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH
PRESSURE USAGE MAY RESULT IN INJECTION OF
OIL INTO THE SKIN CAUSING
LOCAL NECROSIS. INHALATION: INHALATION OF VAPORS (GENERATED AT HIGH
TEMPERATURES ONLY) MILDLY IRRITATING TO THE NOSE, THROAT, AND
RESPIRATORY TRACT. INGESTION: INGESTION OF PRODUCT MAY RESULT IN
VOMITING: ASPIRATION (BREATHING) OR VOMITUS INTO THE LUNGS MUST BE
PREVENTED AS EVEN SMALL QUANTITIES MAY RESULT IN ASPIRATION
PNEUMONITIS.
Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY
CARCINOGEN AS IDENTIFIED BY IARC, NTP, OR OSHA

HA.

Effects of Overexposure:IRRITATION AS NOTED IN HEALTH SECTION. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION. ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, LABO RED BREATHING AND CYANOSIS (BLUISH SKIN): IN SEVERE CASES DEATH MAY OCCUR.

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

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===== First Aid Measures =====
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First Aid:EYE CONTACT: FLUSH 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 SO AP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. IF INJECTED UNDER SKIN, GET MEDICAL ATTENTION. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. 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.

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===== Fire Fighting Measures =====
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Flash Point Method:COC

Flash Point:=-107.2C, 225.F

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures:MAT

ERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAIN ERS WITH WATER.

Unusual Fire/Explosion Hazard:NOT PROVIDED.

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===== Accidental Release Measures =====
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Spill Release Procedures:LARGE SPILLS: WEAR RESPIRATORY AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTA

IN SPILLS. 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 AREA WITH WATER TO REMOVE TRACE RESIDUE. SMALL SPILLS: TAKE UP WITH ABSORBENT AND DISPOSE OF
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME. SURFACES THAT ARE SUFFICIENTLY HOT MAY IGNITE EVEN LIQUID PRODUCT IN THE ABSENCE OF SPARKS AND FLAME. EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF OTHER SOURCES OF IGNITION PRIOR TO USE AND UNTIL ALL VAPORS ARE GONE.
Other Precautions:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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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 OVEREXPOSURE. IN ACCORDANCE WITH 29CFR1910.134 USE EITHER AN ATMOSPHERE- SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.
Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA IS NOT VENTED.
Protective Gloves:RUBBER
Eye Protection:GOGGLES/SAFETY GLASSES
Other Protective Equipment:WEAR OTHER CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.
Supplemental Safety and Health
TLV/PEL FOR PRODUCT IS 5 MG/M3 (AS OIL MIST) AND STEL: 10 MG/M3

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

HCC:V6
NRC/State Lic Num:NOT RELEVANT
Spec Gravity:0.85 (WATER=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:RED OIL; SLIGHT HYDROCARBON ODOR

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

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Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: EXCESSIVE HEAT, FLAME

Hazardous Decomposition Products: A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES AND GASES WILL EVOLVE. CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

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

Toxicological Information: AMOCO HAS REPORTED TO THE U.S. EPA PURSUANT TO SECTION 8(E) OF TSCA THAT A SAMPLE OF HYDROTREATED MIDDLE DISTILLATE (CAS REGISTRY NUMBER 64742-46-7) APPLIED REPEATEDLY TO THE SKIN OF EXPERIMENTAL ANIMALS OVER THEIR LIFETIME PRODUCED A WEAK TUMORIGENIC RESPONSE IN THE SKIN. THE FULL REFINING/PROCESS HISTORY OF THIS SAMPLE WAS NOT PROVIDED IN AMOCO'S SUBMISSION.

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

Ecological: NOT PROVIDED.

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

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

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

Transport Information: NOT HAZARDOUS BY DOT REGULATIONS.

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

SARA Title III Information: UNDER EPA-CWA, THIS PRODUCT IS CONSIDERED AN OIL UNDER SECTION 311. SPILLS INTO OR LEADING TO SURFACE WATER THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.-

Federal Regulatory Information: THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information: NOT PROVIDED.

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

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