

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 756A, ROYCO 756 -- 9150-00-265-9408

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

Product ID:ROYCO 756A, ROYCO 756

MSDS Date:06/03/1997

FSC:9150

NIIN:00-265-9408

Status Code:A

Kit Part:Y

MSDS Number: CJQWY

=== 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 Other MSDS Num.:750,058-2

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:8

0.
Maxumum % Wt:90.

Ingred Name:POLYMERIC ADDITIVE IN OIL
Minumum % Wt:10.
Maxumum % Wt:16.

Ingred Name:MINOR ADDITIVES
= Wt:.8

Ingred Name:BUTYLATED TRIPHENYL PHOSPHATE
CAS:56803-37-3
< Wt:.5

===== 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:TARGET ORGANS: N/P. 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, FOLLICU LITIS 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) OF VOMITUS
INTO THE
LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIE S MAY RESULT
IN ASPIRATION PNEUMONITIS.
Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY
CARCINOGEN AS IDENTIFIED BY IARC, NTP, OR OSHA
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 C
ASES DEATH MAY OCCUR.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

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 ATTEN

TION.
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.

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

Flash Point Method:COC

Flash Point:=107.2C,
225.F

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 COAT,GLOVES AND RUBBER BOOTS).INCLUDING POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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

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

===== 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 OR 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, SMOKING, OR USING

NG TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING
BEFORE REUSE.

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

Respiratory Protection:IF EXPOSURE MAY/DOES EXCEED OCCUPATIONAL
EXPOSURE LIMITS USE NIOSH-APPROVED RESPIRATOR TO PREVENT
OVEREXPOSURE. IN ACCORD WITH 29CFR1910.134 USE EITHER FULL-FACE
ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR
ORGANIC VAPORS AND PARTICULATES.

Ventilation:MECHANICAL VENTILATION. (EXPLOSION-PROOF) TO C
ONTROL
PARTICULATE CONCENTRATIONS.

Protective Gloves:CHEMICAL RESISTANT GLOVES TO MINIMIZE SKIN CONTACT

Eye Protection:CHEMICAL GOGGLES IF THERE IS LIKELIHOOD OF CONTACT

Other Protective Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWER.

CHEMICAL RESISTANT CLOTHING AS REQUIRED. USE EXPLOSION-PROOF
VENTILATION AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety
and Health

TLV/PEL FOR PRODUCT IS 5 MG/M3 (AS OIL MIST) AND STEL: 10 MG/M3.

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

HCC:V6

Spec Gravity:0.85

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED OIL - SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, FLAMES

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 UPON COMBUSTION.

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

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

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

SARA Title III Information:UNDER EPA-CWA, THIS PRODUCT IS CONSIDERED AN
OIL UNDER SECTION 311. SPI

LLS 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.

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

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This information is formulated for use by elements of the Departmen
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assume responsibility for the suitability of this information to their
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