

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 Phon
e 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
Minimum % Wt:

80.

Maximum % Wt:90.

Ingredient Name:POLYMERIC ADDITIVE IN OIL

Minimum % Wt:10.

Maximum % Wt:16.

Ingredient Name:MINOR ADDITIVES

= Wt:.8

Ingredient 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, 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) OF VOMITUS INTO THE

LUNGS MUST BE AVOIDED 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

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, LABORED BREATHING AND CYANOSIS (BLUISH SKIN): IN SEVERE

CASES DEATH MAY OCCUR.

Medical Conditions 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 SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION

NTION.

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.

==

=====
===== 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 ABSORBE

NT 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 US

ING TOILET FACILITIES. LAUNDRY 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 CONTROL 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. SP

ILLS 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 =====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department

of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.