

ROYAL LUBRICANTS COMPANY INC. -- ROYCO (R) 717 -- 9150-01-263-8427

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

Product ID:ROYCO (R) 717

MSDS Date:07/03/2000

FSC:9150

NIIN:01-263-8427

Status Code:A

MSDS Number: CLRDK

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:MERRY LANE

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936-0518

Country:US

Info Phone Num:973-887-7411 / 7410 973-887-8404

Emergency Phone Num:201-887-7411

Resp. Party Other MSDS Num.:MSDS #720,003-2

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:SP0450-02-C-0908

CAGE:07950

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

Ingred Name:POLYMERIC ADDITIVE IN OIL

Minumum % Wt:20.

Maxumum % Wt:30.

Other REC Li

mits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVES

< Wt:2.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NONE RECOMMENDED

ACGIH TLV:NONE RECOMMENDED

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATES

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:70.

Maxumum % Wt:80.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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

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

Health Hazards

Acute and Chronic:EYE: NOT EXPECTED TO BE MORE THAN MINIMALLY IRRITATING. SKIN: 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 SKIN CAUSING LOCAL NECROSIS. INHALE: MAY BE MILDLY IRRITATING TO NOSE, THROAT, & RESPIRATORY TRACT. INGESTION: INGESTION OF PRODUCT MAY RESULT IN VOMITING; A SPIRATION OF VOMITUS INTO LUNGS MAY RESULT IN ASPIRATION PNEUMONITIS.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY CARCINOGENS AS IDENTIFIED BY IARC, NTP, OR OSHA.

Effects of Overexposure:IRRITATION AS NOTED ABOVE. 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 Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY

DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES-FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHES/SHOES & WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP & WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS

DAMAGE. INHALATION-REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION-DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:=104.4C, 220.F
Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE.
DO NOT USE A DIRECT STREAM
OF WATER. PRODUCT WILL FLOAT AND CAN BE
REIGNITED ON SURFACE OF WATER.
Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL
BUNKER GEAR (HELMET W/FACE SHIELD, BUNKER COATS, GLOVES & RUBBER
BOOTS) INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SCBA. COOL FIRE
EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:MATERIAL WILL NOT BURN UNLESS PREHEATED.

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

Spill Release Procedures:MAY
BURN ALTHOUGH NOT READILY IGNITABLE. USE
CAUTIOUS JUDGEMENT WHEN CLEANING UP LARGE SPILLS. SMALL SPILLS: TAKE
UP WITH AN ABSORBENT MATERIAL AND DISPOSE OF PROPERLY.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE WITH
ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES & HIGH
TEMPERATURES.
Other Precautions:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING,
SMOKING OR USING TOILET FACILITIES. LAUNDER
CONTAMINATED CLOTHING
BEFORE RESQUE.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL
EXPOSURE LIMITS USE NIOSH-APPROVED RESPIRATOR TO PREVENT
OVEREXPOSURE. IN ACCORDANCE WITH 29CFR1910.134 USE EITHER AN
ATMOSPHERE-SUPPLYING RESPIRATOR OR AIR-PURIFYING RESPIRATOR FOR
ORGANIC VAPORS & PARTICULATES.
Ventilation:USE AS APPROPRIATE TO OBTAIN PERMISSIBLE EXPOSURE LIMITS.
Protective Gloves:NIT

RILE.
Eye Protection:SAFETY GLASSES OR GOGGLES.
Other Protective Equipment:APRONS, LAB COATS.
Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING,
DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED
CLOTHING BEFORE RESUE.
Supplemental Safety and Health
PHYSICIAN: IF MORE THAN 2 ML/KG HAS BEEN INGESTED & VOMITING HAS NOT
OCCURRED, EMESIS SHOULD BE INDUCED WITH SUPERVISION. KEEP HEAD
BELOW HIPS TO PREVENT ASPIRATION. IF SYMPTOMS SUCH AS LOSS OF GAG
RE
FLEX, CONVULSION/UNCONSCIOUSNESS OCCURS BEFORE EMESIS, USE
GASTRIC LAVAGE WITH CUFFED ENDOTRACHEAL TUBE.

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

HCC:V6
Spec Gravity:0.87
Solubility in Water:NEGLIGIBLE
Appearance and Odor:LIGHT AMBER OIL WITH A SLIGHT HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:AVOID HEAT, FLAME.
Hazardous
Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED
ORGANIC COMPOUNDS MAY BE ORMED UPON COMBUSTION.

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

Toxicological Information:ROYCO 717: OSHA PEL/TWA=5 MG/M3. ACGIH
TLV/TWA=5 MG/M3. ACGIH TLV/STEL=10 MG/M3.

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

Ecological:UNDER EPA-CWA PRODUCT IS CLASSIFIED AS OIL UNDER SEC 311.
SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MU
ST BE
REPORTED TO THE NATIONALY RESPONSE CENTER:800-424-8802.

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

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

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

Transport Information:NOT HAZARDOUS BY D.O.T. REGULATIONS.

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

SARA Title III Information:BASED UPON DATA AVAILABLE FOR

ROYAL,

COMPONENTS 2 AND 3 IN THIS PRODUCT ARE NOT HAZADOUS UNDER OSHA
HAZARD COMMUNICATION (29 CFR 1910.1200).

Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE
LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCE.

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

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

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