

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 808 -- 9150-00-782-2627

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

Product ID:ROYCO 808

MSDS Date:11/23/1994

FSC:9150

NIIN:00-782-2627

Status Code:A

MSDS Number: CKMMW

=== 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:973-8

87-7411

Resp. Party Other MSDS Num.:ROYAL MSDS NUMBER: 740,087-2

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

CAGE:07950

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

Ingred Name:ROYCO 808

= Wt:100.

OSHA PEL:5 MG/M3, TWA

ACGIH TLV:5 MG/M3, TWA

Ingred Name:SYNTHETIC ESTERS

Minimum % Wt:97.

Maximum

% Wt:98.
OSHA PEL:5 MG/M3, TWA
ACGIH TLV:5 MG/M3, TWA

Ingred Name:ADDITIVES
Minumum % Wt:2.
Maxumum % Wt:3.

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

Health Hazards Acute and Chronic:EYE CONTACT: SLIGHTLY IRRITATING. SKIN CONTACT: PROLONGED OR REPEATED LIQUID CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS. INHALATION: VAP ORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MIST FROM THIS PRODU CT MAY BE MILDLY

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

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, SKIN DEFATTING, DERMATITIS. INHALATION:IRRITATION OF NOSE, THROAT, RESPIRATORY TRACT. INGESTION: VOMITING. ASPIRATION PNEUMONITIS: MAY BE EVIDENCED BY COUGHING, LAB ORED BREATHI NG AND CYANOSIS (BLUEISH SKIN). IN SEVERE CASES DEATH MAY OCCUR.

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

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING OR SHOES. WIPE EXCESS AND FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND WASH

WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTI ON: DO NOT GIVE LIQUIDS IF VICTIM IS UNCONSCIOUS OR VERY DROWSY. OTHERWISE, GIVE NO MORE THAN 2 GLASSES OF WATER AND INDUCE VOMITING. KEEP HEAD BELOW HIPS WHILE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:C

OC

Flash Point:=226.7C, 440.F

Autoignition Temp:Autoignition Temp Text:NONE P

Lower Limits:N/AV

Upper Limits:N/AV

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 COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSI

TIVE PRESSURE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:NONE PROVIDED BY MFR.

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

Spill Release Procedures:SMALL SPILLS: TAKE UP WITH AN ABSORBENT MATERIAL AND DISPOSE OF PROPERLY. LARGE SPILLS: WEAR RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO STO

RAGE/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.

Neutralizing Agent:NONE PROVIDED BY MFR.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING,

SMOKING OR USING TOILET FACILITIES. DO NOT REUSE CONTAMINATED CLOTHING UNTIL THOROUGHLY DECONTAMINATED. CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, CANNOT BE DECONTAMINATED AND SHOULD BE DESTROYED.

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

Respiratory Protection:AVOID BREATHING VAPOR AND MIST. IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 19

10.134

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

Ventilation:USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATION.

Protective Gloves:PUBLISHED LITERATURE INDICATES BEST PROTECTION PROVIDED BY NITRILE GLOVE.

Eye Protection:WEAR SAFETY GLASSES OR GOGGLES AS APPROPRIATE.

Other Protective Equipment:WEAR GLOVES AND OTHER CLOTHING AS REQUIRED TO MINIMIZE CONTACT. EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD

BE AVAILABLE FOR EMERGENCY USE.

Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE

Supplemental Safety and Health

ADDITIONAL FIRST AID INFORMATION: INGESTION: INDUCE VOMITING BY GIVING NO MORE THAN 2-GLASSES OF WATER AND 30 CC (2 TABLESPOONS) SYRUP OF IPECAC.IF NOT AVAILABLE, GIVE 2-GLASSES OF WATER AND INDUCE VOMITING BY TOUCHING FINGER TO BACK OF VICTIM'S THROAT.KEEP VICTIM'S HEAD BELOW HIPS WHILE VOMITING.GET MEDICAL ATTENTION.

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

HCC:V6

Boiling Pt:B.P. Text:NOT AVAILABLE

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

Decomp Temp:Decomp Text:NONE PROVIDED BY MFR.

Vapor Pres:NOT AVAILABLE

Vapor Density:NOT AVAILA

Spec Gravity:0.93 (H2O=1)

pH:NONE PROVIDED

Viscosity:15 (CS @ 100 DEG F)

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT AMBER

OIL, SLIGHT ODOR.

Percent Volatiles by Volume:NONE PROVIDE

Corrosion Rate:NONE PROVIDED BY MFR

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

Stability Indicator/Materials to Avoid:YES

CONTACT WITH STRONG OXIDIZATING AGENTS.

Stability Condition to Avoid:HEAT, FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION. THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT ON COMBUSTION CONDITION

S.
Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Toxicological Information:ROYAL RECOMMENDS THE PEL AND TLV FOR MINERAL OIL MIST: 5 MG/M3 TWA.

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

Ecological:UNDER EPA-CWA, THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311.SPILLS INT OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER.
800-424
-8802.

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

Waste Disposal Methods:PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS. UNDER EPA-CWA, THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311. SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAU SE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

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

Transport Information:DEPARTMENT OF T
RANSPORTATION CLASSIFICATION: NOT
HAZARDOUS BY D.O.T. REGULATIONS.

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

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

State Regulatory Information:

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