

ROYAL LUBRICANTS COMPANY INC. -- ROYCO 783 -- 9150-00-935-9810

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

Product ID:ROYCO 783

MSDS Date:07/18/1995

FSC:9150

NIIN:00-935-9810

MSDS Number: BZJHP

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:6 CAMPUS DR

City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Info Phone Num:201-887-7410

Emergency Phone Num:201-887-7411

Preparer's Name:PR

ODUCT SAFETY

CAGE:07950

=== Contractor Identification ===

Company Name:ROYAL LUBRICANTS CO INC (REPLACED BY CAGE CODE 07950)

Address:MERRY LANE

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Phone:201-887-7410

CAGE:6V632

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:HYDROTREATED LIGHT NAPHTHENTIC

DISTILLATE OR MINERAL OIL

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: 10-80%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SOLVENT REFINED, HYDROTREATED MIDDLE PETROLEUM DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 0-70%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVE CONTAINING BARIUM DINONYLNAPHTHALENESULFONATE OR  
PETROLEUM SULFONATE

CAS:25619-56-1

Fraction by Wt: 3-8%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVES

Fraction by Wt: 12-16%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVES

Fraction by Wt: < 2%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 3500 MG/KG

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE IRRITATION  
OF NOSE, THROAT & RESPIRATORY T

RACT. CONTACT WITH SKIN & EYE MAY

CAUSE IRRITATION. ASPIRATION MAY CAUSE PNEUMOCONIOSIS. INGESTION  
MAY CAUSE VOMITING. CHRONIC: PR OLONGED OR REPEATED SKIN CONTACT  
MAY CAUSE IRRITATION, DERMITIS.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED-IRRITATION OF NOSE, THROAT, RESPIRATORY  
TRACT. INGESTED-VOMITING. EYES-IRRITATION. SKIN-DRYING, DEFATTING,  
IRRITA

TION.

Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN AND  
RESPIRATORY DISORDERS.

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

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR  
15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP &  
WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL  
RE SPIRATION AS NEEDED. INGESTED-DO NOT INDUCE VOMITING! KEEP HEAD  
BELOW HIPS.

===== Fire Fi  
ghting Measures =====

Flash Point Method:COC

Flash Point:>200F,>93C

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM. DO  
NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT ON WATER.

Fire Fighting Procedures:DO NOT ENTER CONFINED AREA WITHOUT WEARING  
SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL  
FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Relea  
se Measures =====

Spill Release Procedures:WEAR APPROPRIATE PERSONAL PROTECTIVE GEAR.  
STOP LEAK IF FEASIBLE. CONTAIN SPILL. SOAK UP WITH INERT MATERIAL  
AND PLACE IN A CONTAINER FOR DISPOSAL. FLUSH AREA AFTER PICK-UP IS  
COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:AVOID EYE & SKIN CONTACT. CONTAMINATED LEATHER  
ARTICLES INCLUDING SHOES CANNOT BE DECONTAMINATED AND SHOULD BE  
DESTROYED TO PREVENT REUSE.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE  
OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH  
ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS  
REQUIRED. USE IAW 29 CFR

1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NITRILE.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

UNDER SARA III, SECTION 313 THIS PRODUCT CONTAINS BARIUM COMPOUNDS . THE

COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

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

HCC:V6

Spec Gravity:0.85

Evaporation Rate & Reference:NONE SPECIFIED BY MFR.

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, FL

AMES, CONTACT WITH STRONG

OXIDIZING AGENTS.

Hazardous Decomposition Products:COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICLES AND GASES WILL EVOLVE UNDER THERMAL DECOMPOSITION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:PRODUCT CONTAINS BARIUM, MAY HAVE TO BE DISPOSED OF AS EPA/RCRA HAZWASTE NUMBER D005; TEST PER TCLP TO SEE IF THIS IS SO. DISPOSE OF IN ACCORDANCE WITH LOC

AL, STATE AND FEDERAL

ENVIRONMENTAL REGULATIONS.

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