

ROYAL LUBRICANTS -- ROYCO 383 -- 9150-00-263-3490

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

Product ID:ROYCO 383

MSDS Date:07/18/1995

FSC:9150

NIIN:00-263-3490

MSDS Number: CHHNB

=== Responsible Party ===

Company Name:ROYAL LUBRICANTS

Address:EAGLE ROCK AVE

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Info Phone Num:201-887-7410

Emergency Phone Num:201-887-7411

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

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP045099MB070

CAGE:0PGK2

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

Ingred Name:MINERAL OIL

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:75.

Maxumum % Wt:85.

Other REC Limits:NONE RECOMMEND

ED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT REFINED
(SEVERE), LIGHT NAPHTHENIC, (NON-CARCINOGENIC - IARC)
CAS:64741-97-5
RTECS #:PY8041001
Minumum % Wt:5.
Maxumum % Wt:15.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE
CAS:64742-46-7
RTECS #:JN9379645
< Wt:5.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIS
T
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:BARIUM DINONYL-NAPHTHALENESULFONATE
CAS:25619-56-1
< Wt:10.
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINOR ADDITIVE
< Wt:.5
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE EYE IRRITA
TION. MAY CAUSE

SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS
SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNES.
INHALATION OF OIL MIST MAY BE MILDLY IRRITATING TO THE NOSE,
THROAT AND RESPIRATORY TRACT. INGESTION MAY RESULT IN VOMITING.
ASPIRATION HAZARD.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:EYE IRRIT

ATION, SKIN IRRITATION, DERMATITIS,
FOLLICULITIS, OIL ACNE, NOSE/THROAT/RESPIRATORY TRACT IRRITATION,
VOMITING, CHEMICAL PNEUMONITIS AS EVIDENCED BY COUGHING, LABORED
BREATHING, BLUISH SKIN.

Medical Cond Aggravated by Exposure:PRE-EXISITNG SKIN, EYE AND
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS
PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET ME
DICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCURS,
KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:=143.3C, 290.F
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:USE W
ATER FOG, FOAM, DRY CHEMICAL OR CARBON
DIOXIDE. DO NOT USE A DIRECT STREAM OF WATER.
Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO
NOT ENTER CONFINED FIRE SPACE WITHOUT FULL PROTECTIVE GEAR
INCLUDING A POSITIVE PRESSURE SCBA.
Unusual Fire/Explosion Hazard:COOL FIRE EXPOSED CONTAINERS WITH WATER.
PRODUCT WILL FLOAT ON WATER AND CAN BE REIGNITED ON WATER SURFACE.

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

Spill Release Procedures:US
E CAUTIOUS JUDGMENT WHEN CLEANING UP LARGE
SPILLS. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. SHUT OFF SOURCE
IF POSSIBLE. REMOVE WITH VACUUM TRUCKS. SOAK UP RESIDUE WITH
ABSORBENT SUCH AS CLAY OR S AND. FLUSH AREA WITH WATER. DISPOSE OF
PROPERLY.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID HEAT, ALME AND CONTACT WITH
STRONG OXIDIZING AGENTS. STORE IN A COOL, DR

Y PLACE WITH ADEQUATE
VENTILATION. AVOID SKIN/EYE CONTACT.
Other Precautions:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL
EXPOSURE LIMITS, USE A NIOSH-APPROVED RESPIRATOR TO PREVENT
OVEREXPOSURE.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS
REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:CHEMICAL RESISTANT

Eye Protect

ion:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHIN AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

THIS PRODUCT IS CONSIDERED AN OIL. SPILLS INTO OR LEADING TO SURFACE
WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE
CENTER AT
1-800-424-8802.

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

HCC:V6

Boiling Pt:B.P. Text:NOT GIVEN

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

Vapor Pres:NOT GIVEN

Vapor Density:>5(AIR=1)

Spec Gravity:0.88

Viscosity:10.5 CS @ 100F

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED OIL, SLIGHT HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES

AVOID CO

NTACT WITH STRONG OXIDIZERS.

Stability Condition to Avoid:AVOID HEAT, FLAME.

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID,
LIQUID, PARTICULATES AND GASES WILL EVOLVE (E.G., CARBON MONOXIDE
AND ORGANICS).

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

Waste Disposal Methods:FOLLOW ALL LOCAL, STATE, AND FEDERAL
REGULATIONS.

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

Transport Information:NOT HAZARDOUS BY DOT REG
ULATIONS.

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