

ROYCO 586L; GRADE L

MSDS Number

BDKHB

National Stock Number

9150-00-223-4116

Product Name

ROYCO 586L; GRADE L

Manufacturer

ROYAL LUBRICANTS CO INC

Product Identification

Product ID:ROYCO 586L; GRADE L

MSDS Date:11/17/1992

FSC:9150

NIIN:00-223-4116

MSDS Number: BDKHB

Responsible Party

ROYAL LUBRICANTS CO. INC.

MERRY LANE

EAST HANOVER , NJ 07936

US

Emergency Phone: 201-887-7411/800-424-9300(CHEMTREC)

Info Phone: 201-887-7410

Cage: 6V632

Contractor

ROYAL LUBRICANTS CO INC (REPLACED BY CAGE CODE 07950)

518

EAST HANOVER, NJ 07936

US

201-887-7410

Cage: 6V632

Ingredients

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS: 64742-54-7

RTECS: PY8035500

Fraction By Weight: 40-60%

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

MINERAL OIL; SEVERELY HYDROTREATED LIGHT NAPHTHENIC

CAS: 64742-53-6

RTECS: PY8036000

Fraction By Weight: 40-60%

SULFURIZED HYDROCARBONS; SULFURIZED ISOBUTYLENE

CAS: 68511-50-2

Fraction By Weight: 1-5%

MINOR ADDITIVES

Fraction By Weight:

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE

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

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

Health Hazards Acute and Chronic:ACUTE: MAY BE MILDLY IRRITATING TO EYES AND SKIN. INHALATION: VAPORS GENERATED AT HIGH TEMPERATURE AND OIL MIST MAY IRRITATE MUCOUS MEMBRANES OF RESPIRATORY TRACT. INGESTION:LOW LEVEL OF TOXICITY. MAY IRRITATE TO DIGESTIVE TRACK. CHRONIC: PROLONGED/REPEATED SKIN CONTACT CAN CAUSE DERMATITIS, FOLLICULITIS OR OIL ACNE.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INGESTION:MAY CAUSE GASTROINTESTINAL TRACT IRRITATION,NAUSEA,VOMITING & DIARRHEA. EYES:MAY CAUSE IRRITATION OR REDNESS/TEARS. SKIN:PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION, DERMATITIS,FOLLIC ULITIS, OR OIL ACNE. INHALATION: EXPOSURE TO VAPORS GENERATED BY HEAT MAY IRRITATE MUCOUS MEMBRANES OFRESPIRATORY TRACT.

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

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR.GET MEDICAL ATTENTION. EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN.GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP & WATER OR USE A SUITABLE SK IN CLEANER.REMOVE CONTAMINATED CLOTHING.IF IRRITATION PERSISTS,GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL,NO TREATMENT IS REQUIRED.KEEP WARM AND QUIET AND GET MEDICAL ADVICE.

Fire Fighting

Flash Point Method:COC

Flash Point:351F,177C

Extinguishing Media:USE WATER FOG,CARBON DIOXIDE,FOAM, OR DRY CHEMICAL.DO NOT USE A DIRECT WATER STREAM.PRODUCT WILL FLOAT & CAN BE IGNITED.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HYDROGEN SULFIDE AND SULFUR DIOXIDE. DO NOT USE WATER STREAM. CONTAINERS MAY BURST AND EXPLODE IN HEAT OF FIRE.

Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SOURCES.USE APPROPRIATE PROTECTIVE GEARS.ABSORB WITH INERT ABSORBENT.SCOOP UP ABSORBED WASTE AND PLACE IN COVERED DRUMS. LARGE SPILL:CONTAIN BY DIKING.RECOVER FREE OIL AND REUSE/REC YCLE.DO NOT FLUSH LIQUID/RESIDUE TO SEWER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE

EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES (SHOES) THAT CAN NOT BE DECONTAMINATED.

Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH APPROVED ORGANIC RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS. * RESPIRATORY PROTECTION NOT ORDINAR ILY REQUIRED FOR NORMAL HANDLING OR USE.

Ventilation:IN GENERAL,NONE REQUIRED. FOR INDUSTRIAL USE, APPLY LOCAL EXHAUST TO KEEP BELOW TLV.

Protective Gloves:CHEMICAL RESISTANT,NEOPRENE, RUBBER

Eye Protection:SAFETY GLASSES OR GOGGLES RECOMMENDED.

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED DURING INDUSTRIAL USE/HANDLING.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

GRADE L NSN AND MSDS. ROYAL MSDS NUMBER 75,006-1 APPLIES TO THIS PRODUCT (GRADE L OF MIL-L-6086)

Chemical Properties

HCC:V6

Boiling Pt:B.P. Text:>525F,>274C

Spec Gravity:0.89

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SLIGHT YELLOW TINT WITH A SLIGHT HYDROCARBON ODOR

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:A MIXTURE OF AIRBORNE SOLID,LIQUID PARTICULATES & GASES SUCH AS OXIDES OF CARBON, AND SULFUR WILL EVOLVE WHEN BURNT.

Disposal

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS. ENCLOSED-CONTROLLED INCINERATION IS RECOMMENDED UNLESS DIRECTED OTHERWISE BY APPLICABLE ORDINANCES.

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.