

ROYAL LUBRICANTS INC -- PALASYN 45, ISO 46 -- 9150-00N089050

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MSDS Safety Information
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FSC: 9150
MSDS Date: 03/13/1992
MSDS Num: CHTPR
LIIN: 00N089050
Tech Review: 08/05/1998
Product ID: PALASYN 45, ISO 46
Responsible Party
Cage: 07950
Name: ROYAL LUBRICANTS INC
Box: 518
City: E HANOVER NJ 07936 US
Info Phone Number: 201-887-7410
Emergency Phone Number: 201-887-7411;800-424-9300 (CHEMTREC)
Review Ind: N

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Contractor Summary
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Cage: 07950
Name: ROYAL LUBRICANTS COMPANY INC.
Address: 215 MERRY LN
Box: 518
City: EAST HANOVER NJ 07936 US
Phone: 973-887-7411

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Ingredients
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Cas: 68037-01-4
Name: HIGH PURITY PARAFFINIC MINERAL OIL; (SYNTHETIC HYDROCARBON BASE
OIL). LD50: (ORAL,RAT) >5 ML/KG
% by Wt: >96
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)
Ozone Depleting Chemical: N

Name: ADDITIVES
% by Wt: <4
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Cas: 80939-62-4
Name: AMINES, C11-14-BRANCHES ALKYL, MONOHEXYL AND DIHEXYL PHOSPHATES;
(AMINE ALKYL PHOSPHATE)
% by Wt: <0.1
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Name: SUPDAT: RESIDUE W/AN ABSORB SUCH AS CLAY, SAND/OTHER SUITABLE MAT.
DISPOSE OF PROPERLY. FLUSH AREA W/WATER TO (ING 5)

Name: ING 4: REMOVE TRACE RESIDUE. ***SM SPILLS*** TAKE UP W/ABSORB MATL &
DIPOSE OF PROPERLY. ENVIRONMENTAL HAZARDS: (ING 6)

Name: ING 5: UNDER EPA-CWA, THIS PROD IS CONSIDERED AN OIL UNDER SECTION
311. SPILLS INTO/LEADING TO SURFACE WATERS (ING 7)

Name: ING 6: THAT CAUSE A SHEEN MUST BE REPORTED TO NATIONAL RESPONSE

CENTER. 800-424-8802.

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Health Hazards Data
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LD50 LC50 Mixture: SEE INGREDIENT 1
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: ACUTE: EYE CONT: BASED ON PRESENCE OF COMPONENT 1,
PRODUCT IS BELIEVED TO BE MINIMALLY IRRITATING. SKIN CONT: PRLNGD/RPTD
CONT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERM. FOLLICULITES/OIL
ACNE. INH AL: VAPORS (ATTAINABLE AT HIGH TEMPERATURES ONLY) & MISTS MAY
BE MILDLY IRRITATING TO NOSE. INGESTION: (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: HLTH HAZ: LUBRICATING BASE OILS ARE
GENERALLY CONSIDERED NO MORE THAN SLIGHTLY TOXIC IF SWALLOWED. SIGNS &
SYMP: IRRIT AS NOTED ABOVE. COMPONENT 2 HAS BEEN RPTD TO BE A MILD SKIN
SENSITIZER.

Medical Cond Aggravated By Exposure: PREEXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE TO COMPONENTS OF THIS PRODUCT.

First Aid: EYE CONT: FLUSH W/PLENTY OF WATER FOR AT LST 15 MINS WHILE
HOLDING EYELIDS OPEN. GET MED ATTN. SKIN CONT: REMOVE CONTAMD
CLTHG/SHOES & WIPE EXCESS FROM SKIN. FLUSH SKIN W/WATER. FOLLOW BY
WASHING W/SO AP & WATER. IF IRRIT OCCURS, GET MED ATTN. DO NOT REUSE
CLTHG UNTIL CLEANED. OILS SOAKED & CONTAMD LEATHER ARTICLES, INCL SHOES,
CANNOT BE DECONTAMD & SHOULD BE DESTROYED TO PVNT REUSE. INHAL: (SUPDAT)

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Handling and Disposal
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Spill Release Procedures: MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE
CAUTIOUS JUDGMENT WHEN CLEANING UP LG SPILLS.***LG SPILLS*** WEAR NIOSH
APPRVD RESP & PROT CLTHG AS APPROP. SHUT OFF SOURCE OF LEAK IF SAFE TO
DO SO. DIKE & CNTN. REMOVE W/VACUUM TRUCKS/PUMP TO (SUPDAT)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN
COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: STORE IN 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, APPLYING COSMETICS, OR USING TOILET FACILITIES. LAUNDRY
CONTAMINATED CLOTHING BEFORE REUSE. AVOID CONTACT WITH EYES. AVOID
PROLONGED OR REPEATED CONTACT WITH SKIN.

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point Text: 212F,100C

Extinguishing Media: USE WATER FOG, FOAM, DRY CHEMICAL/CO*2. DO NOT USE
DIRECT STREAM OF WATER. PROD WILL FLOAT & CAN BE REIGNITED ON(SUPDAT)

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT (FP N). MATERIAL WILL NOT BURN UNLESS PREHEATED. COOL FIRE
EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Control Measures
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Respiratory Protection: IF EXPOSURE MAY/DOES EXCEED OCCUP EXPOS LIMITS USE

A NIOSH APPRVD RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.104 USE EITHER AN NIOSH APPRVD ATMOSPHERE-SUPPLYING RESP/AIR-PURIFYING RESP FOR ORGANIC VAPORS & PARTICILES.

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: CHEMICAL RESISTANT GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: ANSI APPRVD EYE WASH & DELUGE SHOWER (FP N). CHEMICAL RESISTANT CLOTHING TO MINIMIZE CONTACT.

Work Hygienic Practices: WASH W/SOAP & WATER BEFORE EATING, DRINKING, SMKNG, APPLYING COSMETICS/USING TOILET FACILITIES.

Supplemental Safety and Health: EXTING MEDIA: SURF OF WATER. FIRST AID PROC: DO NOT INDUCE VOMIT. IN GEN, NO TREATMENT IS NEC UNLESS LG QTYS OF PROD ARE INGESTED. HOWEVER, GET MED ADVICE. NOTE TO PHYS: IN GEN, EMESIS INDUCTION IS UN NEC IN HIGH VISCOSITY, LOW VOLATILITY PRODS, I.E., MOST OILS & GREASES. SPILL PROC: STOR/SALV VESSELS. SOAK UP (ING 4)

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Physical/Chemical Properties
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Spec Gravity: 0.94 (H*20 =1)
Evaporation Rate & Reference: NOT KNOWN
Solubility in Water: NEGLIGIBLE
Appearance and Odor: AMBER OIL: SLIGHT ODOR.

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: AVOID HEAT, FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.
Materials To Avoid: STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products: CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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HAZCOM Label
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Product ID: PALASYN 45, ISO 46
Cage: 07950
Company Name: ROYAL LUBRICANTS COMPANY INC.
Street: 215 MERRY LN
PO Box: 518
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Health Emergency Phone: 201-887-7411;800-424-9300 (CHEMTREC)
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Label Date: 08/05/1998
Chronic Hazard IND: N
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None

Hazard And Precautions: ACUTE: EYE CONT: BASED ON PRESENCE OF COMPONENT 1, PRODUCT IS BELIEVED TO BE MINIMALLY IRRITATING. SKIN CONT: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS. FOLLICULITIS/OIL ACNE. INHAL: VAPORS (ATTAINABLE AT HIGH TEMPERATURES ONLY) & MISTS MAY BE MILDLY IRRITATING TO NOSE. INGESTION: LUBRICATING BASE OILS ARE GENERALLY CONSIDERED NO MORE THAN SLIGHTLY TOXIC IF SWALLOWED. COMPONENT 3 HAS BEEN REPORTED TO BE A MILD SKIN SENSITIZER. CHRONIC:NONE LISTED BY MANUFACTURER.

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