

EQUILON ENTERPRISES LLC -- 00706 REGAL R&O 100 -- 9150-00-397-2851

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Product Identification
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Product ID:00706 REGAL R&O 100

MSDS Date:04/01/1999

FSC:9150

NIIN:00-397-2851

Status Code:A

MSDS Number: CJQGC

=== Responsible Party ===

Company Name:EQUILON ENTERPRISES LLC

Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Info Phone Num:877-276-7285

Emergency Phone Num:877-276-7283

Res

p. Party Other MSDS Num.:845/26

Chemtec Ind/Phone:(800)424-9300

CAGE:1J6U8

=== Contractor Identification ===

Company Name:EQUILON ENTERPRISES LLC AVIATION FUELS DIV

Address:910 LOUISIANA ST RM 2556

Box:City:HOUSTON

State:TX

ZIP:77002

Country:US

Phone:713-241-4601

CAGE:1J6U8

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Composition/Information on Ingredients
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Ingred Name:HYDROTREATED HEAVY PARAFFINIC DISTILLATE (PETROLEUM);
(HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES)

CAS:64742-54-7

RTECS #:PY8035

500

Minumum % Wt:95.

Maxumum % Wt:99.99

Other REC Limits:N/K

OSHA PEL:5 MG/M3 OIL MIST

OSHA STEL:N/K

ACGIH TLV:5 MG/M3 OIL MIST

ACGIH STEL:10 MG/M3 OIL MIST

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

LD50 LC50 Mixture:SEE TOXICOLOGICAL INFORMATION.

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

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

Health Hazards Acute and Chronic:ACUTE: EYES: MAY CAUSE MIN IRRIT,
EXPERIENCED AS TEMPORARY DISCOMFORT. SKIN

: BRIEF CONT IS NOT

IRRITATING. PRLNG CONT, AS W/CLTHG WETTED W/THIS MATL, MAY CAUSE
DEFAT OF SKIN/IRRIT, SEEN AS LOC REDNESS W/POSS MILD IRRIT. OTHER
THAN THE POTENTIAL SKIN IRRIT EFTS NOTED ABOVE, ACUTE (SHORT TERM)
ADVERSE EFTS ARE NOT EXPECTED FROM BRIEF SKIN CONT. INHAL:
VAPS/MIST, IN EXCESS OF PERMISSIBLE CONCS/IN UNUSUALLY HIGH CONCS
GENERATED FROM SPRAYING, HEATING MATL/AS FROM EXPOS IN POORLYVENTD
AREAS/CONFINED SPACES, MAY CAUSE IRRIT OF NOSE & THROAT, HDC

H,

NAUS, & DROW. INGEST: IF MORE THAN SEVERAL MOUTHFULS ARE
SWALLOWED, (EFTS OF OVEREXP)

Effects of Overexposure:HLTH HAZ: ABDOM DISCOMFORT, NAUS, & DIARR MAY
OCCUR. SENSIT PROPERTIES: UNKNOWN. CHRONIC: NO ADVERSE EFTS HAVE
BEEN DOCUMENTED IN HUMANS AS A RESULT OF CHRONIC EXPOS. OTHER
REMARKS: MATL FROM HIGH PRE SS EQUIP, PINHOLE LEAKS/HIGH PRESS
LINEFAILURE CAN PENETRATE SKIN &, IF NOT PROPERLY TREATED, CAN
CAUSE SEV INJURY, INCL DISFIGUREMENT, LOSS OF FUNCTION/EVEN

REQUIRE

AMPUTATION OF AFFECTED AREA. TO PREVENT SUCH SERIOUS INJURY, IMMEDIATE
MED ATTN SHOULD BE SOUGHT EVEN IF INJECTION INJURY APPEARS TO BE
MINOR.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING

PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN
EXISTING DERMATITIS (SKIN CONDITION).

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. GET MED
ATTN IF IRRIT PERSISTS

. SKIN: WASH W/PLENTHY OF SOAP & WATER FOR SEVERAL MINS. GET MED ATTN IF IRRIT DEVELOPS/PERSISTS. INGEST: IF MORE THAN SEVERAL MOUTHFULS OF THIS MATL ARE SWALLOWED, GIVE 2 GLASSES OF WATER (16 OZ). GET MED ATTN. INHAL: IF IRRIT, HDCH, NAUS/DROW OCCURS, REMOVE TO FRESH AIR. GET MED ATTN IF BRTHG BECOMES DFCLT/RESP IRRI T PERSISTS. OTHER INSTRUCTIONS: HIGH PRESS INJECTION OF MATL CAN CAUSE SEV INJURY. FAILURE TO DEBRIDE WOUND OF ALL RESIDUAL MATL CAN RSLT IN DISFIGUREME NT, LOSS OF FUNC/MAY REQUIRE AMPUTATION OF AFFEC TED AREA. (SUP DAT)

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

Flash Point Method:COC

Flash Point:=221.1C, 430.F

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE TO EXTINGUISH FLAMES. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . OTHER THAN NORMAL PROTECTIVE FIR

E-FIGHTING EQUIPMENT,

NO SPECIAL EQUIPMENT OR PROCEDURES REQUIRED.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:TRANSPORTATION SPILLS: CALL CHEMTREC AT (800) 424-9300. VENTILATE AREA. AVOID BREATHING VAPOR. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT, INCLUDING APPROPRIATE NIOSH APPROVED RESPIRATORY PROTECTI ON. CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIAL AND SHOVEL

UP. PREVENT ENTRY INTO

SEWERS AND WATERWAYS. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.

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

Handling and Storage Precautions:MINIMUM FEASIBLE HANDLING TEMPERATURE SHOULD BE MAINTAINED. PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. WATER CONTAMINATION SHOULD BE AVOIDED. MISUSE OF EMPTY CONTAINERS CAN BE HAZAR DOUS.

Other Precautions:EMPTY CONTAINERS CAN BE HAZARDOUS IF USED TO STORE TOXIC, FLAMMA

BLE, OR REACTIVE MATERIALS. CUTTING OR WELDING OF
EMPTY CONTAINERS MIGHT CAUSE FIRE, EXPLOSION OR TOXIC FUMES FROM
RESIDUES. DO NOT PRES SURIZE OR EXPOSE TO OPEN FLAME OR HEAT.KEEP
CONTAINERS CLOSED AND DRUM BUNGS IN PLACE.

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

Respiratory Protection:AIRBORNE CONCS SHOULD BE KEPT TO LOWEST LEVELS
POSS. IF VAP, MIST/DUST IS GENERATED & OCCUP EXPOS LIM OF PROD/ANY
COMPONENT OF PROD, IS EXCEEDED, USE APPROP NIOSH
APPRVD AIR

PURIFYING/AIR SUPPLIED RES P AFTER DETERMINING AIRBORNE CONC OF
CONTAMINANT. AIR SUPPLIED RESPS SHOULD ALWAYS BE WORN WHEN AIRBORNE
CONC OF CONTAMINANT/OXYGEN CONTENT IS UNKNOWN.

Ventilation:ADEQUATE TO MEET COMPONENT OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:WEAR IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EYEWASH AND DELUGE SHOWER MEETING ANSI
DESIGN CRITERIA .

Work Hygienic Practices:WORKERS SHOULD WAS
H EXPOSED SKIN SEVERAL TIMES

DAILY WITH SOAP AND WATER. SOILED WORK CLOTHING SHOULD BE LAUNDERED
OR DRY-CLEANED.

Supplemental Safety and Health

FIRST AID PROC: REMOVE & DRY-CLEAN/LAUNDRER CLTHG SOAKED/SOILED W/THIS
MATL BEFORE REUSE. DRY CLEANING OF CONTAM CLTHG MAY BE MORE
EFFECTIVE THAN NORM LAUNDERING. INFORM INDIVIDUALS RESPONSIBLE FOR
CLE ANING OF POTENTIAL HAZARDS ASSOC W/HNDLGCNTAMINATED CLOTHING.

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

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pec Gravity:0.8816 (H*2O=1)

Viscosity:100 CST @ 40C

Appearance and Odor:PALE LIQUID; ODOR NOT DETERMINED.

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

Stability Indicator/Materials to Avoid:YES
OXIDIZERS.

Hazardous Decomposition Products:TOXIC LEVELS OF CARBON MONOXIDE,
CARBON DIOXIDE, IRRITATING ALDEHYDES AND KETONES.

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

Toxicological Information:MEDIAN LETHAL DOSE: ORAL: LD50 SIMILAR
PRODUCT > 5.

00 G/KG (RAT) PRACTICALLY NON-TOXIC. INHALATION: NOT DETERMINED. DERMAL: LD50 SIMILAR PRODUCT > 3.00 G/KG (RABBIT) PRACTICALLY NON-TOXIC. IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES): SKIN: (DRAIZE) SIMILAR PRODUCT 0.17/8.0 (RABBIT) NO APPRECIABLE EFFECT. EYES: (DRAIZE) SIMILAR PRODUCT 5.70/110 (RABBIT) NO APPRECIABLE EFFECT. SENSITIZATION : NOT DETERMINED. OTHER: NONE.

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Ecological Information
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Ecological:AQUATIC TOXICITY
CITY: NOT DETERMINED. MOBILITY: NOT DETERMINED.
PERSISTENCE AND BIODEGRADABILITY: NOT DETERMINED. POTENTIAL TO BIOACCUMULATE: NOT EVALUATED. REMARKS: NOT EVALUATED.

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Disposal Considerations
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Waste Disposal Methods:THIS PROD HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS & DOES NOT MEET CRITERIA OF A HAZ WASTE IF DISCARDED IN ITS PURCHASED FORM. UNDER RCRA, IT IS RESPONSIBILITY OF USER OF PROD TO DETERMINE AT TIME OF DISP, WHETHER PROD MEETS RCRA CRITERIA FOR HAZ WASTE. THIS IS BECAUSE PROD USES, TRANSFORMATIONS, MIXTURES, PROCESSES, ETC, MAY RENDER (OTHER INFO)

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MSDS Transport Information
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Transport Information:DOT, IMDG, ICAO, TDG: PROPER SHIPPING NAME: NOT REGULATED.

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Regulatory Information
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SARA Title III Information:SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCES: NONE. SECTION 311 HAZARDOUS CATEGORIZATION: NOT APPLICABLE. SECTION 313 TOXIC CHEMICALS: NONE.

Federal Regulatory Information:FEDERAL REGULATIONS: CERCLA 102 (A)/DOT HAZARDOUS SUBSTANCES: NONE. TSCA INVENTORY STATUS: THIS PRODUCT, OR ITS COMPONENTS, ARE LISTED ON OR ARE EXEMPT FROM THE TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY. INTERNATIONAL REGULATIONS: WHMIS CLASSIFICATION: NOT CONTROLLED. CANADA INVENTORY STATUS: THIS PRODUCT, OR ITS COMPONENTS, ARE LISTED ON OR ARE EXEMPT FROM THE CANADIAN DOMESTIC

SUBSTANCE LIST

(DSL). EINECS INVENTORY STATUS: THIS PRODUCT, OR ITS COMPONENTS, ARE LISTED ON OR ARE EXEMPT FROM THE EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES (EINECS) (OTHER INFO)

State Regulatory Information: CALIFORNIA PROPOSITION 65: THE FOLLOWING DETECTABLE COMPONENTS OF THIS PRODUCT ARE SUBSTANCES, OR BELONG TO CLASSES OF SUBSTANCES, KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR REPRODUCTIVE TOXICITY: NONE. PENNSYLVANIA SPECIAL HAZARDOUS SUBSTANCES: NONE.

===== Other Information =====

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