

EQUILON ENTERPRISES LLC, PRODUCT STEWARDSHIP -- SHELL 53004, DONAX TD FLUID --
9150-00-118-1112

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

Product ID:SHELL 53004, DONAX TD FLUID

MSDS Date:01/04/1999

FSC:9150

NIIN:00-118-1112

Status Code:A

MSDS Number: CLCFM

=== Responsible Party ===

Company Name:EQUILON ENTERPRISES LLC, PRODUCT STEWARDSHIP

Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Info

Phone Num:877-276-7285

Emergency Phone Num:877-276-7283

Resp. Party Other MSDS Num.:67290E-11

Preparer's Name:KAREN G. HAYNES

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO300

=== Contractor Identification ===

Company Name:EQUILON ENTERPRISES LLC PRODUCT STEWARDSHIP

Address:1111 BAGBY RD RM 4325D

Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

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Phone:877-276-7285

Contract Num:SP0450-00-M-C525

CAGE:3N254

Company Name:EQUILON ENTERPRISES LLC, PRODUCT STEWARDSHIP

Address:Box:674414

City:HOUSTO

N
State:TX
ZIP:77267-4414
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CAGE:TO300

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Composition/Information on Ingredients
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Ingred Name:HIGHLY REFINED PETROLEUM OILS *MAY CONTAIN: 64742-54-7,
64742-46-7, 64742-65-0.

Minumum % Wt:80.

Maxumum % Wt:90.

Ingred Name:ADDITIVES CONTAINING: ZINC COMPOUNDS (1-2%).

Minumum % Wt:15.

Maxumum % Wt:20.

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT): > 5 G/KG

Reports of Carcinogenici

ty:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: LUBRICATING OILS ARE GENERALLY
CONSIDERED NO MORE THAN MINIMALLY IRRITATING. SKIN: LUBRICATING
OILS ARE GENERALLY CONSIDERED TO BE NO MORE THAN MILDLY IRRITATING.
PROLONGED AND REPEATED CONTACT M AY RESULT IN VARIOUS SKIN
DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE.
INHALATION: INHALATION OF VAPOR (GENERATED AT HIGH TEMPERATURES) OR
OIL MIST MAY RESULT IN MILD IRRITATION OF THE UPP ER RESPIRATO

RY

TRACT. INGESTION: LUBRICATING OILS ARE GENERALLY CONSIDERED NO
MORE THAN SLIGHTLY TOXIC IF SWALLOWED.

Explanation of Carcinogenicity:THIS PRODUCT AND ITS COMPONENTS ARE NOT
CLASSIFIED AS CARCINOGENS BY INTERNATION AGENCY FOR RESEARCH ON
CANCER (IARC), NATIONAL TOXICOLOGY PROGRAM (NTP) OR OCCUPATIONAL
SAFETY AND HEALTH ADMINISTRATIO N (OSHA).

Effects of Overexposure:IRRITATION AS NOTED ABOVE.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
DISORDE

RS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid: EYE-FLUSH WITH WATER FOR 15 MINS WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHING & WIPE EXCESS OFF. WASH WITH SOAP & WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP & WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. INHALATION-REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION-DO NOT INDUCE VOMITING. IN GENERAL NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ATTENTION. *NOTE-EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, I. E., MOST OILS & GREASES.

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

Flash Point Method: PMCC
Flash Point: =173.9C, 345.F
Lower Limits: N/AV
Upper Limits: N/AV
Extinguishing Media: USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE (CO2). DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.
Fire Fighting Procedures: MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE-PRESSURE NIOSH -APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard: NONE IDENTIFIED.

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

Spill Release Procedures: MAT BURN. USE CAUTIOUS JUDGEMENT WHEN CLEANING UP LARGE SPILLS. *LARGE* WEAR RESPIRATOR & PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK; DIKE & CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE SALVAGE VESSELS. SOAK UP RESIDUE WITH ABSORBENT. DISPOSE OF PROPERLY. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE. **SMALL** TAKE UP WITH AN ABSORBENT MATERIAL

IAL &
DISPOSE OF PROPERLY.

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

Other Precautions:MINIMIZE SKIN CONTACT. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-SUPPLYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Protective Gloves:WERA CHEMICAL RESISTANT GLOVES - NITRILE GLOVES IS THE BEST PROTECTION.

Eye Protection:WEAR SAFETY GOGGLES TO AVOID EYE CONTACT.

Other Protective Equipment:WEAR OTHER PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PRODUCT: DONAX(R) TD FLUID. CHEM NAME: MIXTURE. CHEM FAMILY: PETROLEUM HYDROCARBON; TRANSMISSION FLUID. SHELL CODE: 53004. *FOR A SPANISH TRANSLATION OF THIS MSDS, CALL 1-800-240-MSDS.

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Physical/Chemical Properties
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HCC:V6

Boiling Pt:B.P. Text:
NOT AVAILABLE

Melt/Freeze Pt:=-37.2C, -35.F

Vapor Pres: