

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 Ph

one 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

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ZIP:77267-4414

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Phone:877-276-7285

Contract Num:SP0450-00-M-C525

CAGE:3N254

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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 Carcinogenicity:

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 MAY 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 UPPER RESPIRATORY
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 INTERNATIONAL AGENCY FOR RESEARCH ON
CANCER (IARC), NATIONAL TOXICOLOGY PROGRAM (NTP) OR OCCUPATIONAL
SAFETY AND HEALTH ADMINISTRATION (OSHA).

Effects of Overexposure:IRRITATION AS NOTED ABOVE.

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

MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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First Aid Measures
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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

L 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.

===== 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.

===== 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 & DISPOSE OF PROPERLY.

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

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.

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

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:WEAR 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. LAUNDER 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 =====

HCC:V6

Boiling Pt:B.P. Text:NOT AVAILABLE

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

Vapor Pres: