

EQUILON ENTERPRISES LLC -- 00499, EDM FLUID -- 9150-01-042-6495

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

Product ID:00499, EDM FLUID

MSDS Date:01/04/1999

FSC:9150

NIIN:01-042-6495

Status Code:A

MSDS Number: CLCTL

=== Responsible Party ===

Company Name:EQUILON ENTERPRISES LLC

Address:1111 BAGBY RD RM 4325D

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Info Phone Num:877-276-7285

Emergency Phone Num:87

7-276-7283

Resp. Party Other MSDS Num.:00499ET

Chemtrec Ind/Phone:(800)424-9300

CAGE:3N254

=== Contractor Identification ===

Company Name:EQUILON ENTERPRISES LLC PRODUCT STEWARDSHIP

Address:1111 BAGBY RD RM 4325D

Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Phone:877-276-7285

CAGE:3N254

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0450-01-M-LE84

CAGE:0PGK2

===== Compositi

on/Information on Ingredients =====

Ingred Name:TECHNICAL GRADE WHITE OIL

CAS:8042-47-5

RTECS #:PY8047000

= Wt:100.

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

ACGIH STEL:10 MG/M3

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

LD50 LC50 Mixture:ORAL LD50(RAT):>5.00 G/KG

Health Hazards Acute and Chronic:EYES: MAY CAUSE MINIMAL IRRITATION.

SKIN: BRIEF CONTACT IS NOT IRRITATING. PROLONGED CONTACT, AS W/
CLOTHING WETTED W/ MATERIAL, MAY CAUSE DEFATTING OF SKIN OR

IRRITATION. INHALATION: VAPORS OR MIST, IN EXCESS OF PERMISSIBLE
CONCENTRATION, OR IN UNUSUALLY HIGH CONCENTRATIONS GENERATED FROM
SPRAYING, HEATING THE MATERIAL OR AS FROM EXPOSURE IN POORLY
VENTILATED AREAS OR CONFINED SPACES, MAY CAUSE IRRITATION OF THE
NOSE & THROAT. INGESTION: ASPIRATION MAY OCCUR DURING SWALLOWING OR
VOMITING . CHRONIC: NO ADVERSE EFFECTS HAVE BEEN DOCUMENTED IN
HUMANS AS A RESULT OF CHRONIC EXPOSURE.

Explanation of Carcinogenicity:NONE

Effects o

f Overexposure:EYES:TEMPORARY DISCOMFORT. SKIN: LOCAL REDNESS
WITH POSSIBLE MILD DISCOMFORT. INHALATION: MAY CAUSE HEADACHE,
NAUSEA AND DROWSINESS. INGESTION: IF MORE THAN SEVERAL MOUTHFULS
ARE SWALLOWED, ABDOMINAL DISCOMFORT, NAUSEA, AND DIARRHEA MAY
OCCUR.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING
PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN
EXISTING DERMATITIS (SKIN CONDITION).

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

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First Aid:EYES: FLUSH EYES W/ PLENTY OF WATER FOR SEVERAL MIN. GET
MEDICAL AID IF IRRITATION PERSISTS. SKIN: WASH SKIN W/ PLENTY OF
SOAP & WATER FOR SEVERAL MINS. GET MEDICAL AID IF IRRITATION
DEVELOPS/ PERSIST S. INGESTION: IF PERSON IS CONSCIOUS & CAN
SWALLOW, GIVE 2 GLASSES OF WATER (16 OZ.) BUT DO NOT INDUCE
VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. HAVE MEDICAL
PERSON DETERMINE IF EVACUATION OF S TOMACH OR INDUCTION OF VOMITING
IS NEEDED

. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. INHALATION: IF IRRITATION, HEADACHE, NAUSEA, OR DROWSINESS OCCUR, REMOVE TO FRESH AIR. GET MEDICAL AID.

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

Flash Point Method:COC

Flash Point:=126.7C, 260.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 F

ighting Procedures:OTHER THAN NORMAL PROTECTIVE FIRE-FIGHTING EQUIPMENT, NO SPECIAL EQUIPMENT OR PROCEDURES REQUIRED.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING VAPOR. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT, INCLUDING APPROPRIATE RESPIRATORY PROTECTION. 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.

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

Handling and Storage Precautions:HANDLING: MINIMUM FEASIBLE HANDLING TEMPERATURES SHOULD BE MAINTAINED. STORAGE: PERIODS OF EXPOSURE TO HIGH TEMPERATURES SHOULD BE MINIMIZED. WATER CONTAMINATION SHOULD BE AVOIDED.

Other Precautions:DISPOSAL: THIS IS BECAUSE PRODUCT USES, TRANSFORMATION, MIXTURES, PROCESSES, ETC. MAY RENDE THE RESULTING MATERIAL HAZARDOUS. REMARKS: NONE.

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

Respiratory Protection:AIRBORNE CONCENTRATIONS SHOULD BE KEPT TO LOWEST LEVELS POSSIBLE. IF VAPOR, MIST OR DUST IS GENERATED & THE OCCUPATIONAL EXPOSURE LIMIT OF THE PRODUCT, OR ANY COMPONENT OF THE PRODUCT, IS EXCEEDED, USE APPROPRIATE NIOSH/ MISHA APPROVED AIR PURIFYING OR AIR SUPPLIED RESPIRATOR AFTER DETERMINING THE AIRBORNE CONCENTRATION OF THE CONTAMINANT.

Ventilation:A

DEQUATE TO MEET OCCUPATIONAL EXPOSURE LIMITS.

Eye Protection:SAFETY GLASSES, CHEMICAL TYPE GOGGLES, OR FACE SHIELD RECOMMENDED.

Other Protective Equipment:AIR SUPPLIED RESPIRATORS SHOULD ALWAYS BE WORN WHEN AIRBORNE CONCENTRATIONS OF THE CONTAMINANT OR OXYGEN CONTENT IS UNKNOWN.

Work Hygienic Practices:WORKERS SHOULD WASH EXPOSED SKIN SEVERAL TIMES DAILY WITH SOAP AND WATER. SOILED WORK CLOTHING SHOULD BE LAUNDERED OR DRY-CLEANED.

Supplemental Safety and Health

PRODUCT CODE A

ND NAME : 00499 EDM FLUID. CHEMICAL NAME AND/OR FAMILY OR DESCRIPTION: PARAFFINIC MINERAL OIL.

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

HCC:V6

Boiling Pt:B.P. Text:NOT DETERMINED

Vapor Pres:NOT DETERMINED

Spec Gravity:(WATER=1): .83

Viscosity:4.2 CST AT 40.0C

Solubility in Water:NOT DETERMINED

Appearance and Odor:CLEAR LIQUID; PETROLEUM ODOR

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

STRONG OXIDIZERS

Hazardous Decomposition Products:TO

XIC LEVELS OF CARBON MONOXIDE,

CARBON DIOXIDE, IRRITATING ALDEHYDES AND KETONES.

Conditions to Avoid Polymerization:DO NOT OCCUR.

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

Toxicological Information:MEDIAN LETHAL DOSE ORAL: LD50 BELIEVED TO BE >5.00 G/KG (RAT) PRACTICALLY NON-TOXIC. INHALATION: NOT DETERMINED.

DERMAL: LD50 BELIEVED TO BE >2.00 G/KG (RABBIT) PRACTICALLY NON-TOXIC. IRRITATION INDEX , ESTIMATION OF IRRITATION (SPECIES).

SKIN: (DRAIZE) B

ELIEVED TO BE >0.5/8.0 (RABBIT) NO APPRECIABLE

EFFECT. EYES: (DRAIZE) BELIEVED TO BE