

EQUILON ENTERPRISES LLC - PRODUCT STEWARDSHIP -- CAPRINUS R XR 40 -- 9150-00-135-2634
===== Product Identification =====

Product ID:CAPRINUS R XR 40
MSDS Date:01/04/1999
FSC:9150
NIIN:00-135-2634
Status Code:A
MSDS Number: CKVZQ
=== Responsible Party ===
Company Name:EQUILON ENTERPRISES LLC - PRODUCT STEWARDSHIP
Address:1111 BAGBY RD RM 4325D
Box:674414
City:HOUSTON
State:TX
ZIP:77267-4414
Countr
y:US
Info Phone Num:877-276-7285
Emergency Phone Num:(800)424-9300
Resp. Party Other MSDS Num.:EQUILON MSDS: 66535E-01
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
Contract Num:SP0450-01-M-C097
CAGE:3N254

===== Composition/Information on Ingredients =====

Ingred Name:CAPRINUS XR 4

0
= Wt:100.

Ingred Name:HIGHLY REFINED PETROEUM OILS *MAY CONTAIN: 64742-52-5,
64742-57-0.

Minumum % Wt:80.

Maxumum % Wt:90.

Ingred Name:ADDITIVES

Minumum % Wt:10.

Maxumum % Wt:20.

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

LD50 LC50 Mixture:ORAL LD50(RAT): NOT AVAILABLE.

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

Health Hazards Acute and Chronic:EYE CONTACT: BASED ON COMPONENT
INFORMATION PRODUCT IS MORE THAN MINIMALLY IRRITATING TO THE EYES.

SKIN CONTACT: BASED ON COMPONENT INFORMATION PRODUCT IS NO MORE
THAN MILDLY IRRITATING TO THE SKIN. P ROLONGRD AND REPEATED CONTACT
CAN RESULT IN VARIOUS SKIN DISORSERS SUCH AS DERMATITI,
FOLLICULITIS OR OIL ACNE. INHALATION: INHALATION VAPORS (GENERATED
AT HIGH TEMPERATURES ONLY) OR OIL MIST FROM THI S PRODUCT MAY CAUSE
MILD IRRITATION OF THE UPPER RESPIRATORY TRACT. INGESTION BASED ON
COMPONENT INFORMATION THIS PRODUCT IS NO MORE THAN SLIGHTLY TOXIC
IF SWALLOWED.

Ex

planation of Carcinogenicity:THIS PRODUCT & ITS COMPONENTS ARE NOT
CLASSIFIED AS CARCINOGENS BY IARC, NTP OR OSHA.

Effects of Overexposure:IRRITATION AS NOTED ABOVE.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGRAVTEDBY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE
CONTAMINATED CLOTHING AND WIPE EXCESS OFF. WASH WITH SOAP AND
WATERON A WATERLESS H AND CLEANER FOLLOWED BY SOAP AND WATER. IF
IRRITATION OCCURS, GET MEDICAL ATTENTION. INHALATION: REMOVE VICTIM
TO FRESH AIRAND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET
MEDICAL ATTENTION. INGESTIO N: DO NOT INDURVOMITTING. IN GENERAL NO
TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRDUCTS ARE
INGESTED. HOWEVER GET MEDICAL ADVICE.

===== Fire Fighting Measures

Flash Point Method:PMCC
Flash Point:=240.6C, 465.F
Lower Limits:N/AV
Upper Limits:N/AV

Extinguishing Media:USE WATE FOG, FOAM, DRY CHEMICAL OR 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-SPACEWITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE-

PRESSURE NOISH- APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINER WITH WATER.

Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE CAUTIOUS JUDGEMENT WHEN CLEANING UP LARGE SPILLS. *LARGE SPILLS-WEAR RESPIRATOR & PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE & CONTAIN . REMOVE WITH VA

CUUM TRUCKS OR PUMP TO STORAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY,SAND, OR OTHER SUITABLE MATERIAL. DISPOSE OF PROPERLY. FLUSH AREA WITH WATER.

===== 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:SMALL SPILLS-TAKE UP WITH AN ABSORBENT MATERIAL & DISPOSE OF PROPERLY.

===== Exp
osure 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-PURIFYING RESPIRATOR FOR ORGANIC VAPORS & PARTICULATES.

Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES.

Eye Protection:WEAR SAFETY GOGGLES TO AVOID EYE CONTACT.

Other Protective Equipment:WEAR OTHER PROT

ECTIVE CLOTHING AS REQUIRED

TO MINIMIZE SKIN CONTACT. TEST DATA FROM PUBLISHED LITERATURE &/OR GLOVE & CLOTHING MANUFACTURERS INDICATE THE BEST PROTECTION IS PROVIDED BY NITRILE GLOVES.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES.

Supplemental Safety and Health

CHEM NAME: MIXTURE. CHEM FAMILY: PETRO

LEUM HYDROCARBON; DIESEL ENGINE

OIL. SHELL CODE: 54794.

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

HCC:V6

Melt/Freeze Pt:=-15.C, 5.F

Vapor Pres:0.1

Vapor Density:0.1

Spec Gravity:0.9106

Viscosity:15 CS @ 212F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK AMBER OIL. SLIGHT HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

Stability Condition to Avoid:AVO

ID HEAT, OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:ACUTE TOXICITY DATA: CAPRINUS XR 40: ACUTE

ORAL LD50-NOT AVAILABLE; ACUTE DERMAL LD50-NOT AVAILABLE; ACUTE

INHALATION LC50-NOT AVAILABLE. HIGHLY REFINED PETROLEUM OILS: ACUTE

ORAL LD50> 5.0 G/KG,R

AT; ACUTE DERMAL LD50> 5.0 G/KG, RABBIT;
ACUTE INHALATION LC50-NOT AVAILABLE. ADDITIVES: ACUTE ORAL LD50>
2.0 G/KG; ACUTE DERMAL LD50> 2.0 G/KG; ACUTE INHALATION LC50-NOT
AVAILABLE.

===== Disposal Considerations =====

Waste Disposal Methods:IF THIS PRODUCT BECOMES A WASTE, IT WOULD NOT BE
A HAZARDOUS WASTE BY RCRA CRITERIA (40 CFR 261). PLACE IN AN
APPROPIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

===== MSDS

Transport Information =====

Transport Information:DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT
HAZARDOUS BY D.O.T. REGULATIONS. DOT PROPER SHIPPING NAME: NOT
APPLICABLE. OTHER REQUIREMENTS: NOT APPLICABLE.

===== Regulatory Information =====

SARA Title III Information:BASED ON THE DATA AVAILABLE THIS PRODUCT IS
NOT REGULATED BY SARA, TITLE III.

Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE
LISTED ON THE E

PA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. PROTECTION
OF STRATOSPHERIC OZONE (PURSUANT TO SECTION 611 OF THE CLEAN AIR
ACT AMENDMENTS OF 1990): PER 40 CFR PART 82, THIS PRODUCT DOES NOT
CONTAIN NOR WAS IT DIRECTLY MANUFACTURED WITH ANY CLASS I OR
CLASS II OZONE DEPLETING SUBSTANCES.

State Regulatory Information:BASED ON INFORMATION AVAILABLE, THIS
PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBSTANCE LISTED ON A
CHEMICAL SPECIFIC STATE LIST.

===== Other In
formation =====

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this info

rmation to their
particular situation.