

EQUILON ENTERPRISES LLC; PRODUCT STEWARDSHIP -- 01562 CAPELLA WF 68 --
9150-00-598-2911

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

Product ID:01562 CAPELLA WF 68

MSDS Date:01/04/1999

FSC:9150

NIIN:00-598-2911

MSDS Number: CJKKZ

=== 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

Emergenc

y Phone Num:877-276-7283

Resp. Party Other MSDS Num.:01562ET

Preparer's Name:NOT PROVIDED

Chemtec Ind/Phone:(800)424-9300

CAGE:TO173

=== Contractor Identification ===

Company Name:B&M ENTERPRISES

Address:17350 TEMPLE AVE

Box:City:LA PUENTE

State:CA

ZIP:91744

Country:US

Phone:818-912-1275

Contract Num:SP0450-99-M-NF63

CAGE:097K0

Company Name:CSD INC.

Address:5 HACKBERRY LANE

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

Contract Num:SP0450-01-M-LN07

CAGE:JO933

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:EQUILON ENTERPRISES LLC; PRODUCT STEWARDSHIP (DIV SHELL)

Address:Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Phone:877-276-7285

CAGE:TO173

Company Name:RADIAN INTL LLC

Address:8501 N MOPAC BLVD

Box:201088

City:AUSTIN

State:TX

ZIP:78720-1088

Country:US

Phone:512-419-5224

Contract Num:SP0450-00-D-4021

CAGE:

29913

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

Ingred Name:ACID TREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES

CAS:64742-18-3

RTECS #:PY8032000

Minumum % Wt:80.

Maxumum % Wt:94.99

Other REC Limits:NOT PROVIDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

ACGIH STEL:10 MG/M3 (OIL MIST)

Ingred Name:LIGHT NAPHTHENIC HYDROTREATED PETROLEUM DISTILLATES

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:10.

Maxumum % Wt:19.99

Other REC Limits:NOT PROVIDED

OSHA PEL

:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)
ACGIH STEL:10 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:LD50 BELIEVED TO BE > 5.00 G/KG RAT

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 MINIMAL IRRITATION AND TEMPORARY DISCOMFORT. SKIN: BRIEF CONTACT IS NOT IRRITATING. PROLONGED CONTACT MAY CAUSE DEFATTING

OF

SKIN/IRRITATION, SEEN AS LOCAL REDNESS WITH POSSIBLE MILD DISCOMFORT. INHALATION: VAPORS/MIST, IN EXCESS OF PERMISSIBLE CONCENTRATIONS/IN UNUSUALLY HIGH CONCENTRATIONS GENERATED FROM SPRAYING, HEATING MATERIALS FROM EXPOSURE IN POORLY VENTILATED AREAS/ CONFINED SPACES, MAY CAUSE IRRITATION OF THE NOSE AND THROAT, HEADACHE, NAUSEA, AND DROWSINESS. INGESTION: IF MORE THAN SEVERAL MOUTHFULS ARE SWALLOWED, ABDOMINAL DISCOMFORT, NAUSEA, AND DIARRHEA MAY OCCUR. C

CHRONIC: NO ADVERSE EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NOT PROVIDED

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 =====

First Aid:EYES: FLUSH EYES WITH PLENTY OF WATER FOR SEVERAL MINUTES.

GET MEDICAL ATTENTION IF EYE IRRITATION PERSISTS. SKIN: WASH SKIN WITH PLENTY

OF SOAP AND WATER FOR SEVERAL MINUTES. GET MEDICAL

ATTENTION I F SKIN IRRITATION DEVELOPS OR PERSISTS. INGESTION: IF MORE THAN SEVERAL MOUTHFULS OF THIS MATERIAL ARE SWALLOWED, GIVE TWO GLASSES OF WATER (16 OZ.). GET MEDICAL ATTENTION. INHALATION: IF IRRITATION, HEADACHE, NAUSEA, OR DROWSINESS OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING BECOMES DIFFICULT OR RESPIRATORY IRRITATION PERSISTS. REMOVE AND DRY-CLEAN OR LAUNDRER CLOTHING SOAKED/ S OILED W

ITH THIS MATERIAL BEFORE REUSE.

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

Flash Point Method:COC

Flash Point:=179.4C, 355.F

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/D

Upper Limits:N/D

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:OTHER THAN NORMAL PROTECTIVE FIRE-FIGHTING EQUIPMEN

T, 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.

Neutral

izing Agent:NOT RELEVANT

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

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

Other Precautions:NOT PROVIDED

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

Respiratory Protection:IF VAPOR, MIST OR DUST IS GENERATED AND THE OCCUPATIONAL EXPOSURE LIMIT O

F PRODUCT/ANY COMPONENT IS EXCEEDED,

USE APPROPRIATE NIOSH/MSHA APPROVED AIR PURIFYING/AIR SUPPLIED

RESPIRATOR AFTER DETERMININ G AIRBORNE CONCENTRATION OF

CONTAMINANT. AIR SUPPLIED RESPIRATORS SHOULD ALWAYS BE WORN WHEN

AIRBORNE CONCENTRATION OF CONTAMINANT OR OXYGEN CONTENT IS UNKNOWN.

Ventilation:ADEQUATE TO MEET OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:WORKERS SHOULD WASH EXPOSED SKIN SEVERAL TIMES DAILY WITH SOAP AND WATER.

Eye Protection:SAFETY GLASSES, CHEMICAL

TYPE GOGGLES, OR FACE SHIELD

RECOMMENDED.

Other Protective Equipment:NOT PROVIDED

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

SOILED WORK CLOTHING SHOULD BE LAUNDERED OR DRY-CLEANED.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT DETERMINED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:NOT DETERMINED

Vapor Density:NOT DETERM

Spec Gravity:.895 (WATER=1)

Viscosity:64.6 CST @ 40C

Sol

ubility in Water:NOT DETERMINED

Appearance and Odor:CLEAR YELLOW LIQUID, BLAND ODOR

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

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

===== 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) BELIEVED TO BE < .50 /8.0
(RABBIT) NO APPRECIABLE EFFECT EYES: (DRAIZE) BELIEVED TO BE <
15.00 /110 (RABBIT) NO APPRECIABLE EFFECT SENSITIZATION: NOT
DETERMINED.

===== Ecological Information =====

Eco

logical:AQUATIC TOXICITY: NOT DETERMINED. MOBILITY: NOT DETERMINED. PERSISTENCE AND BIODEGRADABILITY: NOT DETERMINED. POTENTIAL TO BIOACCUMULATE: NOT DETERMINED. REMARKS: NONE

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

Waste Disposal Methods:THIS PRODUCT HAS BEEN EVALUATED FOR RCRA CHARACTERISTICS AND DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE IF DISCARDED IN ITS PURCHASED FORM. UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER OF THE PRODUCT TO DETERMINE AT THE TIME OF DISPOSAL, WHETHER THE PRODUCT MEETS RCRA CRITERIA FOR HAZARDOUS WASTE.

===== MSDS Transport Information =====

Transport Information:TRANSPORTATION: DOT: PROPER SHIPPING NAME: NOT REGULATED. IMDG: PROPER SHIPPING NAME: NOT EVALUATED. ICAO: PROPER SHIPPING NAME: NOT EVALUATED TDG: PROPER SHIPPING NAME: NOT EVALUATED

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

SARA
Title III Information:SARA TITLE III: SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCES: NONE. SECTION 311 HAZARDOUS CATEGORIZATION: ACUTE X CHRONIC FIRE PRESSURE REACTIVE N/A SECTION 313 TOXIC CHEMICAL: NONE. CERCLA 102(A)/DOT HAZARDOUS SUBSTANCES: (+ INDICATES DOT HAZARDOUS SUBSTANCE): NONE. CERCLA/DOT HAZARDOUS SUBSTANCES (SEQUENCE NUMBERS AND RQ'S): NONE.

Federal Regulatory Information:THIS PRODUCT, OR ITS COMPONENTS, ARE LISTED ON OR ARE EXEMPT FROM THE TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

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.
CHEMICAL NAME CAS NUMBER

NONE

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

=====

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 information to their particular situation.