

EQUILON ENTERPRISES LLC -- TELLUS(R) OIL 32 -- 9150-01-336-6589

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

Product ID:TELLUS(R) OIL 32

MSDS Date:01/04/1999

FSC:9150

NIIN:01-336-6589

Status Code:A

MSDS Number: CLMSF

=== Responsible Party ===

Company Name:EQUILON ENTERPRISES LLC

Address: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.:EQ MSDS: 60050-12 T

Preparer's Name:KAREN G. HAYNES

Chemtrec Ind/Phone:(800)424-9300

CAGE:3N254

=== Contractor Identification ===

Company Name:AMERICAN INK AND OIL CORP

Address:33 ENDICOTT STREET

Box:City:NORWOOD

State:MA

ZIP:02062-3006

Country:US

Phone:781-762-0026 / FAX: 781-762-1617

Contract Num:SP0450-01-M-LL87

CAGE:82956

Company Name:EQUILON ENTERPRISES LLC PRODUCT STEWARDSHIP

Address:1111 BAGBY RD RM 4325D

Box:674414

City:HOUSTON

State:TX

ZIP:7

7267-4414
Country:US
Phone:877-276-7285
CAGE:3N254

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

Ingred Name:HIGHLY REFINED PETROLEUM OILS (MAY CONTAIN: 64742-54-7,
64742-65-0)

Minumum % Wt:98.

Maxumum % Wt:99.

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT PROVIDED

ACGIH TLV:NOT PROVIDED

Ingred Name:ADDITIVES

Minumum % Wt:1.

Maxumum % Wt:2.

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT PROVIDED

ACGIH TLV:NOT PROVIDED

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

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LD50 LC50 Mixture:NOT AVAILABLE

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

Health Hazards Acute and Chronic:EYE CONTACT: BASED ON COMPONENT

INFORMATION, PRODUCT IS PRESUMED TO BE PRACTICALLY NON-IRRITATING.

SKIN CONTACT: BASED ON COMPONENT INFORMATION, PRODUCT IS PRESUMED

TO BE PRACTICALLY NON- IRRITATING. PROLONGED AND

REPEATED CONTACT MAY RESULT IN SKIN DISORDERS SUCH AS DERMATITIS.

OIL ACNE/FOLLICULITIS. ACCIDENTAL RELEASE UNDER HIGH PRESSU

RE

APPLICATIONS MAY RESULT IN INJECTION OF OIL IN TO SKIN CAUSING

LOCAL NECROSIS. INHALATION: VAPORS (GENERATED AT HIGH TEMPERATURES

ONLY)/OIL MIST MAY CAUSE A MILD IRRITATION OF UPPER RESPIRATORY

TRACT. INGESTION: PRODUCT IS NO MORE THAN SLIGHTLY TO XIC 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

OCCU

PATATIONAL SAFETY AND HEALTH ADMIN ISTRATION (OSHA).

Effects of Overexposure:IRRITATION AS NOTED ABOVE. NECROSIS MAY BE EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING HIGH PRESSURE INJECTION.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO

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

First Aid:EYE CONTACT: FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING/SHOES. WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. IF INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALATION: REMOVE TO FRESH AIR AND PROVIDE OXYGE N IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSA
RY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GE T MEDICAL ADVICE.

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

Flash Point Method:PMCC

Flash Point:=193.3C, 380.F

Lower Limits:N/AV

Upper Limits:N/AV

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT USE A DIRECT STREAM OF

Fire Fighting Procedures:MATERIALS 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 PRESSU RE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

Spill Release Procedures:LARGE SPILLS: WEAR RESPIRATOR AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUM

P TO

STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL; DISPOSE OF PROPERLY. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE. SMALL SPILLS: TAKE UP WITH AN ABSORBENT MATERIAL.

Neutralizing Agent:NOT RELEVANT

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

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

Oth

er Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. 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 (SEC. IV) 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 AND PARTICULATES.

Ventilation:NONE IDENTIFIED

Protective Gloves:NITRILE GLOVES.

Eye Protection:NO SPECIAL EYE PROTECTION IS ROUTINELY NECESSARY.

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

Work Hygienic Practices:NONE IDENTIFIED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT A

PPPLICABLE. N/AV = NOT AVAILABLE. N/K =

UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:=-28.7C, -20.F

M.P/F.P Text:POUR POINT

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres: