

TEXACO INC -- CRATER 2X, 00948 -- 9150-01-086-1987

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

Product ID:CRATER 2X, 00948
MSDS Date:09/26/1989
FSC:9150
NIIN:01-086-1987
MSDS Number: BLFCL
=== Responsible Party ===
Company Name:TEXACO INC
Box:509
City:BEACON
State:NY
ZIP:12508-0509
Country:US
Info Phone Num:914-831-3400, EXT 204
Emergency Phone Num:914-831-3400, EXT 204
Preparer's Name:M J VON ALLMEN
CAGE
:7B131
=== Contractor Identification ===
Company Name:TEXACO INC
Box:509
City:BEACON
State:NY
ZIP:12508-0509
Country:US
Phone:914-831-3400
CAGE:7B131

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

Ingred Name:ASPHALT (PETROLEUM)
CAS:8052-42-4
RTECS #:CI9900000
Fraction by Wt: 80-95%
ACGIH TLV:5 MG/M3; (FUME);9192

Ingred Name:TAR, PINE (PINE TAR)
CAS:8011-48-1
RTECS #:WW7530000
Fraction by Wt: 11-20%

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT

NAPHTHENIC

CAS:64742-53-6

RTECS #:PY8036000

Other REC Limits:10 MG/M3 STEL (MFR)

OSHA PEL:5 MG/M3 MIST (MFR)

ACGIH TLV:5 MG/M3 MIST (MFR)

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

LD50 LC50 Mixture:LD50 (ORL-RAT)>5G/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:BELIEVED TO BE MINIMALLY IRRITATING.

VAPORS OR MIST IN EXCESS OF PERMISSIBLE CONCENTRATIONS MAY CAUSE

IRRITATION (NOSE/THROAT), HEADACHE, NAUSEA, AND DROWSINESS.

Explanation of Carcinogenicity:CAS NUMBER 64742-65-0 IS LISTED BY THE

RTECS AS AN IARC GROUP 1 CARCINOGEN.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: AS WITH MOST FOREIGN MATERIALS, SHOULD EYE CONTACT OCCUR, FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
SKIN:

WASH EXPOSED AREAS WITH SOAP AND WATER. INGESTION: NONE CONSIDERED NECESSARY. INHALATION: IF IRRITATION OR DROWSINESS OCCURS, REMOVE TO FRESH AIR.

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

Flash Point Method:COC

Flash Point:340F,171C

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, FOAM, OR CO*2. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROT EQUIP.USE H*20 TO COOL FIRE-EXPOSED CNTNRS.IF LEAK/SPILL H AS NOT

IGNITED,USE H*20 SPRAY TO DISPERSE (SUPP DATA)

Unusual Fire/Explosion Hazard:HEAT/COMBUSTION MAY PRODUCE CO, CO*2, ALDEHYDES, KETONES.

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

Spill Release Procedures:CONTAIN SPILL IF POSSIBLE. WIPE UP OR ABSORB ON SUITABLE MATERIALS AND SHOVEL UP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MIN FEASIBLE HA

NDLING TEMP SHOULD BE
MAINTAINED.PERIODS OF EXPOSURE TO HIGH TEMPS SHOULD BE
MINIMIZED.WATER CONTAM SHOULD BE AVOIDED.

Other Precautions:MISUSE OF CNTNRS CAN BE HAZ IF USED TO STORE
TOXIC/FLAMM/REACTIVE MATL. CUTTING/WELDING OF EMPTY CNTRS MAY CAUSE
FIRE/EXPLOS/TOX FUMES FROM RESIDUES. DO NOT PRESSURIZE/EXPOSE TO
OPEN FLAME/HEAT. KEEP CNTNR CLOSED AND BUNGS IN PLACE.

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

Respiratory Protection:WEAR NIOSH/MSHA
APPROVED RESPIRATOR FOR EXPOSURE
OF CONCERN .

Ventilation:ADEQUATE TO MEET COMPONENT PERMISSIBLE CONCENTRATIONS.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:CLEANSE EXPOSED SKIN AREAS SEVERAL TIMES DAILY
W/H*20 & SOAP LAUNDRER/DRY CLEAN SOILED WORK CLOTHING AT LEAST
WEEKLY.

Supplemental Safety and Health

FIRE FIGHT PROC: THE VAPORS TO PROVIDE PROTECTION FOR PERSONS

ATTEMPTING TO STOP LEAK.

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

Boiling Pt:B.P. Text:>600F,316C

Vapor Pres:>.001 @100F

Spec Gravity:1.0071

Evaporation Rate & Reference:NIL

Appearance and Odor:BLACK VISCOUS LIQUID

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

STRONG OXIDIZERS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CO, CO*2 AND ALDEHYDES AND KETONES MAY
BE FORMED BY THERMAL DECOMPO
SITION.

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

Waste Disposal Methods:DISPONSE OF I/A/W FEDERAL, STATE AND LOCAL
REGULATIONS . RESPONSIBILITY OF USER TO DETERMINE IF PRODUCT IS
HAZARDOUS WASTE.

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