

MAPCO ALASKA PETROLEUM INC -- KEROSENE, JP-8 -- 9130-01-305-5597

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

Product ID:KEROSENE, JP-8

MSDS Date:04/10/1997

FSC:9130

NIIN:01-305-5597

MSDS Number: CFSZG

=== Responsible Party ===

Company Name:MAPCO ALASKA PETROLEUM INC

Address:1100 H & H LANE

City:NORTH POLE

State:AK

ZIP:99705

Country:US

Info Phone Num:907-273-3300

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:3X619

=== Contractor Identification ===

Company Name:MAPCO ALASKA PETROLEUM INC (H&H LANE)

Address:1076 OCEAN DOCK RD

Box:City:ANCHORAGE FORMERLY IN NORTH POLE, AK

State:AK

ZIP:99705

Country:US

Phone:907-488-0037

CAGE:3X619

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

Ingred Name:BENZENE (SARA 313) (CERCLA)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 0.04%

OSHA PEL:SEE 1910.1028

ACGIH TLV:10 PPM; A2

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:CYCLOHEXANE (

SARA 313) (CERCLA)
CAS:110-82-7
RTECS #:GU6300000
Fraction by Wt: 0.11%
OSHA PEL:300 PPM
ACGIH TLV:300 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA 313)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 0.11%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/125 STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA 313)
CAS:95-63-6
RTECS #:DC3325000
Fraction by Wt: 0.78%
OSHA PEL:25 PPM
ACGIH TLV:25 PPM

Ingred Name:TOLUENE (SARA 313) (CERCLA)
C
AS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 0.18%
OSHA PEL:200 PPM
ACGIH TLV:50 PPM, S
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE (MIXED) (SARA 313) (CERCLA)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 0.65%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150 STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE; (N-HEXANE) (CERCLA)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: 0.04%
OSHA PEL:500 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:NAPHTH

ALENE (SARA 313) (CERCLA)
CAS:91-20-3
RTECS #:QJ0525000
Fraction by Wt: 0.64%
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: HIGH VAP CONC/LIQ CONT
MAY RSLT IN IRRIT & CONJ. SKIN: PRLNG
/RPTD EXPOS MAY RSLT IN IRRIT,
BLISTERING/DERM. INGEST: PAIN & IRRIT OF MUC MEMB, NAUS, VOMIT, &
DIARR. ASPIR AFTER INGEST CAUS ES BRONCH/CHEM PNEUM. INHAL: HIGH
VAP CONCS MAY RSLT IN RESP IRRIT, DIZZ, UNCON, CARD ARRHY, & POSS
(EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:HLTH HAZ: PULM EDEMA DEPENDING ON LENGTH OF
EXPOS. CHRONIC: TOLUENE APPEARS ON THE NAVY OCCUP CHEM REPRO HAZ
LIST. CONSULT APPROP HLTH PROFESSIONALS CONCERNING
LATEST HAZ LIST
INFO & SAFE HNDLG & EXPOS INFO .
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR AREA. IF NOT BREATHING
ADMINISTER ARTIFICIAL RESUSCITATION. SEEK MEDICAL ATTENTION
IMMEDIATELY. EYES: IMMEDIATELY FLUSH W/CLEAN WATER FOR AT LEAST 15
MINUTES. SEEK MEDICAL ATTENTION. SKIN: WASH THOROUGHLY W/SOAP &
WATER. REMOVE SOILED CLOTHING & WASH BEFORE REUSE. INGESTION: DO
NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION. LOCAL ORAL: WASH UNTIL
TASTE IS GONE.

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

Flash Point Method:TCC
Flash Point:100F,38C
Lower Limits:1.0%
Upper Limits:6.0%
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, OR WATER FOG.
Fire Fighting Procedures:WEAR NIOSH APPRVD SCBA & FULL PROT EQUIP .
WATER STREAM MAY SPREAD FIRE; USE WATER SPRAY ONLY TO COOL EXPOS.
IF LEAK/SPILL H

AS NOT IGNITED, (SUP DAT)
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:IF POSSIBLE, SHUT OFF SOURCE OF SPILL, REMOVE SOURCES OF IGNITION. CONTAIN IN LIMITED AREA IF POSSIBLE. RECOVER LIQUID. AVOID BREATHING VAPORS. ABSORB ON SUITABLE MEDIA. NOTIFY AUTHORITIES IF PRODUCT ENTERS SEWERS, WATERWAYS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED. AVOID EYE CONTACT BY USE OF CHEMICAL SAFETY GOGGLES AND/OR FULL FACESHIELD WHERE SPLASHING IS POSSIBLE.
Other Precautions:WEAR PROTECTIVE CLOTHING APPROPRIATE FOR WORK SITUATION TO MINIMIZE SKIN CONTACT. USE ONLY IN A WELL-VENTILATED AREA. DO NOT STORE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDANTS. STORE IN APPROVED, PROPERLY MARKED AREA AS NFPA CLASS B3 LIQUID.

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

Respiratory Protection:CONFINED AREA: USE NIOSH APPROVED FULL OR PARTIAL FACE MASK EQUIPPED WITH ORGANIC VAPOR CANISTER OR SCBA. OPEN AREA: USE NIOSH APPROVED FULL OR PARTIAL FACE MASK EQUIPPED WITH ORGANIC VAPOR CANISTER.
Ventilation:LOCAL EXHAUST: ADEQUATE TO PREVENT EXPLOSIVE MIXTURE.
Protective Gloves:CHEMICAL RESIST (NEOPRENE RECOMMENDED).
Eye Protection:ANSI APPROVED CHEM WORKERS GOGG (SUP DAT)
Other Protective Equipment:ANSI APPROVED EMER EYEWASH & DELUGE SHOWER .
CHEM RESIST CLTHG SHOULD BE USED WHEN SPLASHING POSS (NEOPRENE REC).
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
SPEC GRAV: 0.81-0.83 (H₂O=1). FIRE FIGHT PROC: USE FOAM TO BLANKET SPILL. EYE PROT: & FULL LENGTH FACESHIELD .

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

Boiling Pt:B.P. Text:>285F,>141C
Vapor Density:>4
Spec Gravity:SUP DAT
Solubility in Water:NEGLIGIBLE
Appearance

e and Odor: CLEAR LIQ W/HYDROCARBON ODOR; TURBINE FUEL IS DYED
RED, W/HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid: YES
STRONG OXIDANTS, LIKE CHLORINE AND CONCENTRATED OXYGEN.
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
SMOKE.

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

Waste Disposal Methods: FOR PROPER
DISPOSAL OF WASTE, REFER TO FEDERAL,
STATE AND LOCAL REGULATIONS.

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