

MAPCO ALASKA PETROLEUM INC -- KEROSENE, JP-8 -- 9130-01-429-4563

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

Product ID:KEROSENE, JP-8

MSDS Date:04/10/1997

FSC:9130

NIIN:01-429-4563

MSDS Number: CFTCL

=== 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)  
CAS: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:NAPHT

HALENE (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: PRLN

G/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 S, & 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 & W

ASH 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

HAS 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 (H<sub>2</sub>O=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

ce 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 PROPE

R DISPOSAL OF WASTE, REFER TO FEDERAL,  
STATE AND LOCAL REGULATIONS.

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 responsibi

lity for the suitability of this information to their  
particular situation.