

MAPCO ALASKA PETROLEUM INC -- JP-8 (MILITARY FUEL) -- 9130-01-305-5597

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

Product ID:JP-8 (MILITARY FUEL)

MSDS Date:05/28/1992

FSC:9130

NIIN:01-305-5597

MSDS Number: BPRQZ

=== Responsible Party ===

Company Name:MAPCO ALASKA PETROLEUM INC

Address:1076 OCEAN DOCK RD

City:ANCHORAGE

State:AK

ZIP:99705

Country:US

Info Phone Num:907-456-2424

Emergency Phone Num:907-456-24

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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:PETROLEUM DISTILLATE

Other REC Limits:NONE SPECIFIED

Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 0.34%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10

PPM/15 STEL
ACGIH TLV:10 PPM/15 STEL; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:MIXED XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 0.53%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150 STEL9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE (SARA III)
CAS:71-43-2
RTECS #:CY1400000
Fraction by Wt: 0.24%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1PPM/5STEL;1910.1028
ACGIH TLV:10 PPM; A2; 92
93
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:2-METHOXYETHANOL (EGME) (SARA III)
CAS:109-86-4
RTECS #:KL5775000
Fraction by Wt: 0.17%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 25 PPM
ACGIH TLV:S, 5 PPM; 9293

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 0.50%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA III)
CAS:95-63-6
RTECS #:

DC3325000
Fraction by Wt: 0.27%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM; 9293

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SKIN:
PROLONGED CONTACT WILL DRY AND DEFAT SKIN, LEADING TO IRRITATION
AND DERMATITIS. INHALATI
ON: MAY CAUSE RESPIRATORY TRACT IRRITATION,
HEADACHES, DIZZINESS, AND NAUSEA. INGESTION: NOT LIKELY TO OCCUR.
Explanation of Carcinogenicity:CONTAINS >0.1% BENZENE WHICH IS LISTED
AS A CARCINOGEN BY OSHA, IARC, NTP.
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS.
INHALATION: RESPIRATORY TRACT IRRITATION, HEADACHES, DIZZINESS,
NAUSEA. INGESTION: NOT LIKELY TO OCCUR.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EX
ISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT OR NERVOUS SYSTEM MAY BE AT INCREASED RISK FROM
EXPOSURE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION
PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED
CLOTHING. WASH AREA WITH SOAP AND WATER. GET MEDICAL ATTENTION IF
IRRITATION PERSISTS. INHALATION: MOVE TO FRESH AIR. IF NOT
BREATHING GIVE CPR. IF BREATHING DI
FFICULT GIVE OXYGEN. GET MEDICAL
ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL
ATTENTION.

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

Flash Point Method:TCC
Flash Point:100F,38C
Lower Limits:1.0
Upper Limits:6.0
Extinguishing Media:FOAM, WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL.
Fire Fighting Procedures:USE FOAM, CARBON DIOXIDE, DRY CHEMICAL ON
FIRE. USE WATER TO COOL FIRE-EXPOSED CONTAINERS. USE WATER SPRAY TO
DISPERSE VAPORS AND PROTECT

FIREFIGHTERS.

Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR AND MAY SETTLE IN LOW AREAS OR TRAVEL A CONSIDERABLE DISTANCE TO SOURCE OF IGNITION WHERE THEY MAY EXPLODE, OR IGNITE AND FLASH BACK.

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

Spill Release Procedures:STOP LEAK. ELIMINATE ALL IGNITION SOURCES. DIKE SPILL TO KEEP OUT OF SEWERS AND WATERWAYS. VENTILATE CONFINED AREAS. RECOVER FREE LIQUID. ABSORB RESIDUE WITH SUITABLE ABSORBENT. PLACE ABSORBED WASTE I N CONTAINERS FOR DISPOSAL. USE NON-SPARKING TOOLS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY FROM HEAT, SPARKS, FLAME, STRONG OXIDANTS. KEEP CONTAINERS CLOSED. DO NOT SIPHON BY MOUTH. DO NOT SMOKE IN AREA.
Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, S OLDER, DRILL, GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF I GNITION; THEY MAY EXPLODE.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV. WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS OF CONTAMINATES.
Ventilation:PROVIDE SUFFICIENT VENTILATION TO PREVENT EXCEEDI NG RECOMMENDED EXPOSURE LIMIT OR BUILDUP OF EXPLOSIVE CONCENTRATIONS.
Protective Gloves:CHEMICAL RESISTANT GLOVES IF NEEDED.
Eye Protection:USE GOGGLES OR FACE SHIELD IF NEEDED.
Other Protective Equipment:PROVIDE EYE WASH STATION AND SAFETY SHOWER. USE CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING IF NEEDED.
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
DO NOT

ATTEMPT TO CLEAN CONTAINERS SINCE RESIDUE IS DIFFICULT TO REMOVE."EMPTY" DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM RECONDITIONER. ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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

HCC:F4
Boiling Pt:B.P. Text:285F,141C
Vapor Pres:2-3
Vapor Density:4 (AIR=1)
Spec Gravity:0.805
Evaporation Rate & Reference:0.4 (N-BUTYL ACETATE=1)
Solubility in Water:NIL
Appearance and Odor:CLEAR WATER WHITE TO STRAW COLOR LIQUID.
HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDANTS SUCH AS CHLORINE, HYPOCHLORITES AND CONCENTRATED OXYGEN.
Stability Condition to Avoid:KEEP PRODUCT AWAY FROM IGNITION SOURCES, SUCH AS HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY, AND OPEN FLAME.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OTHER HARMFUL DECOMPOSITION PRODUCTS.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES, OR EXTENSIVE LAND AREAS.

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