

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

Product ID:00406 AVJET A

MSDS Date:09/15/1994

FSC:9130

NIIN:00-359-2026

MSDS Number: BVWXG

=== Responsible Party ===

Company Name:TEXACO REFINING AND MARKETING INC.

Address:1111 RUSK STREET

City:HOUSTON

State:TX

ZIP:77002-3310

Country:US

Info Phone Num:713-650-5206

Emergency Phone Num:914-831-3400/CHEMTREC 800-424-9300

CAGE:2R503

=== Contractor Identifica

tion ===

Company Name:TEXACO REFINING AND MARKETING INC

Address:1111 RUSK ST

Box:City:HOUSTON

State:TX

ZIP:77002-3310

Country:US

Phone:713-650-5206

CAGE:2R503

Company Name:VALLEY OIL DBA VALLEY AVIATION

CAGE:3R068

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

Ingred Name:KEROSEN

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 100.00%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: .01-.03%

Other REC Limits:

NONE RECOMMENDED
OSHA PEL:SEE 1910.1028
ACGIH TLV:10 PPM; A2; 9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:CUMENE (SARA III)
CAS:98-82-8
RTECS #:GR8575000
Fraction by Wt: 0.0024%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 50 PPM; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 SIMILAR PRODUCT >5.00G/KG RAT,ORAL

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Re

ports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:EYES:IRRIT,MILD

DISCOMFORT.SKIN:SLIGHT IRRIT FROM BRIEF CONTACT.MORE SEVERE IRRIT &
DISCOMFORT FROM PROLONG CONTACT.ABSORPTION OF POTENTIALLY HARMFUL
AMTS OF MATL FROM PROLONG/WIDESPREAD/REPEAT
CONTACT.INHAL:NOSE/THROAT IRRIT.UNCONSC/ASPHYXIATION IN
CONFINE/POOR VENTI AREAS.INGEST:ABDOMINAL DISCOMFORT,ASPIRATION.

Explanation of Carcinogenicity:PER MSDS:MID DIST CAUSES SKIN CANCER IN

LAB ANIMALS.STUDIES UNDERWAY OF CARCINOGENIC POTENTIAL OF MIDDLE
DISTILLATES.

Effects of Overexposure:EYE:EXCESS REDNESS. SKIN:LOCAL REDNESS &
SWELLING. INHAL:DIZZ, DROWSINESS, EUPHORIA, LOSS OF COORDINATION,
DISORIENTATION, HEADACHE, NAU, VOMIT. INGEST:NAUSEA, DIARRHEA, LUNG
DAMAGE FROM ASPIRATION.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS IRRITATING
PROPERTIES, REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING
DERMATITIS (SKIN CONDITION).

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= First Aid Measures =====

First Aid:EYE:IMMED FLUSH W/PLENTY OF WATER FOR @ LEAST 15MINS OPENING EYELIDS.GET MED ATTN.SKIN:WASH W/PLENTY OF SOAP & WATER TIL TRACE MATL ARE REMOVED.REMOVE CONTAMIN CLOTH.GET MED ATTN IF IRRIT PERSISTS/PRO LONGED CONTACT.INGEST:IF CONSC & CAN SWALLOW GIVE 2 GLASSES OF WATER.DO NOT INDUCE VOMIT.IF DOES GIVE FLUIDS AGAIN.CONSULT MED PERSONNEL FOR INDUCTION OF VOMIT.INHAL:REMOVE TO FRESH AIR.(SUPPLEMEN)

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=== Fire Fighting Measures =====

Flash Point Method:CC

Flash Point:125F,52C

Autoignition Temp:Autoignition Temp Text:380F

Lower Limits:5

Upper Limits:4.4

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL,FOAM OR CARBON DIOXIDE TO EXTINGUISH FLAMES.

Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. NO SPECIAL EQUIPMENT OR PROCEDURES REQUIRED.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:VENT AREA.AVOID BREATH VAP.WEAR APPROPRIATE PPE INCLUDING APPROPRIATE RESP PROT.CONTAIN SPILL.WIPE UP/ABSORB ON SUITABLE MATL & SHOVEL UP.PREVENT ENTRY INTO SEWERS/WATERWAYS.AVOID CONTACT W/SKIN/EYE/C LOTH.SPILLED >100000LBS OF PROD PER SARA304/CERCLA

Neutralizing Agent:NONE SPECIFIED BY MFG.

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

Handling and Storage Precautions:EYEWASH/SAF SHOWER SHOULD BE AVAILABLE NEARBY WHEN THIS P

ROD IS HANDLED/USED.STORE AWAY FROM HEAT/OPEN FLAME.MINIMIZED PERIODS OF EXPO TO HIGH TEMP.

Other Precautions:WATER COTAMINATION SHOULD BE AVOIDED.NOT INTENDED FOR USE IN SPACE HEATERS.DO NOT USE IN AGRICULTURAL SPRAYS.DONOT USE IN SPRAY APPLICATIONS.MINIMIZE EXPOSURES.

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

Respiratory Protection:AIRBORNE CONCEN SHOULD BE KEPT TO LOWEST LEVELS POSSIBLE.IF VAP/MIST/DUST GENERTED & OCCUPA EXPO LIMIT OF PROD/COMPO

NENT EXCEEDED USE APPRO NIOSH/MSHA APPORVED AIR
PURIFYING/AIR SUPPLIED RESP AFT DETE RM CONCEN.IF UNK USE AIR
SUPPLIED RESP.
Ventilation:LOC EXHA VENTI RECOMMENDED IF GENERATING VAP/DUST/MIST.IF
EXHA VENTI NOT AVAILABLE/INADEQ USE MSHA/NIOSH APPROVED RESP.
Protective Gloves:NITRILE GLOVES.
Eye Protection:SAFETY GLASSES/CHEM TYP GOGG,FACE SHIELD
Other Protective Equipment:COVERALLS/LAB COATS.GLOVES/BOOTS RESISTANT
TO CHEMICAL & PETROLEUM DISTILLATEDS.NITRILE PROTECTIVE MATL
R
ECOMMENDED.
Work Hygienic Practices:CLEAN(PREFER DRYCLEAN)CONTAMIN CLOTH BEFORE
REUSE;DESTROY NON-RESISTANT FOORWEAR.
Supplemental Safety and Health
CHRONIC HEALTH EFFECTS:PERSISTENT IRRIT OR DERMATITIS.1STAID:NOT BREATH
GIVE ART RESP;BREATH DIFF GIVE OXY.GET MED ATTN IMMED.ASPIRATION
DURING INDUCED EMESIS MAY REUSLT IN SEVERE LUNG INJURY.USE METH OD
LEAST LIKELY TO CAUSE ASPIRATION(GASTRIC LAVAGE AFT ENDOTRACHEAL
INTUBATION).

===== Physical/Chemical Properties
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HCC:F4
Boiling Pt:B.P. Text:515F,268C
Vapor Pres: