

ULTRAMAR INC -- JET FUEL A -- 9130-01-305-4097

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Product Identification  
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Product ID:JET FUEL A  
MSDS Date:06/30/1994  
FSC:9130  
NIIN:01-305-4097  
MSDS Number: BVYKJ  
=== Responsible Party ===  
Company Name:ULTRAMAR INC  
Address:1111 WEST OCEAN BLVD SUITE 1400  
Box:93102  
City:LONG BEACH  
State:CA  
ZIP:90809-3102  
Country:US  
Info Phone Num:310-495-5300/5832  
Emergency Phone Num:310-491-6795/310-435-58  
32  
CAGE:0VZA7  
=== Contractor Identification ===  
Company Name:ULTRAMAR INC  
Address:1111 WEST OCEAN BLVD SUITE 1400  
Box:93102  
City:LONG BEACH  
State:CA  
ZIP:90809-3102  
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Phone:310-495-5300  
CAGE:0VZA7

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Composition/Information on Ingredients  
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Ingred Name:ALIPHATIC PETROLEUM SOLVENT(JET FUEL A, C8-C16).  
CAS:8008-20-6  
RTECS #:OA5500000  
Fraction by Wt: 99.83%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD5

0 LC50 Mixture:LD50 ORAL, RAT 25GM/KG

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

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

Health Hazards Acute and Chronic:MAY IRRIT RESP TRACT & EYES.MAY DAMAGE NERVES & AFFECT CENTRAL NERVOUS SYSTEM. INHAL:NARCOTIC,IRRIT UPPER RESP TRACT,HI CONCEN RESULTS IN CHEM PNEUITIS,CNS DEPRESSION.SKIN:NO INFO AVAILABLE ON SIGNIFI CANT ADVERSE EFFECTS.CHRONIC CONTACT:DEFAT,DRYNESS,DERM.INGEST:MOUTH/THROAT/STOMACEH,LUNG & KI

DNEY DAMAGE.

Explanation of Carcinogenicity:PER MSDS:CARCINOGEN

STATUS:OSHA/NTP/IARC:NO. CARCINOGEN STATUS:NONE.

Effects of Overexposure:INHAL:LACK OF APPETITE, NAU, HEADACHE, WEAKNESS, DRUNKENESS, GIDDINESS, LUNG DAMAGE, UNCONSCIOUSNESS, ANXIETY, NERVE DAMAGE. SKIN:REDNESS, SWELLING, LACK OF APPETITE. INGEST:COUGHING, NAU, VOMIT, DIA RR, DIFFICULTY BREATHING, DRUNKENESS, BLUISH SKIN COLOR, LUNG & KIDNEY DAMAGE. DEATH/FATAL. CNS DEPRESSION.

Medical Cond Aggravated by Exp

posure:PERSONS WITH CHRONIC SKIN OR RESP

DISEASE. TARGET ORGANS:CENTRAL NERVOUS SYSTEM DEPRESSANT.

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

First Aid:INHAL:REMOVE TO FRESH AIR. IMMED.PERFORM ART RESP IF NECESSARY.MAINTAIN AIRWAY,BLOOD PRESSURE,RESP.KEEP WARM/@REST.TREAT SYMPTOMATICALLY/SUPPORTIVELY.QUAL MED PER SHOULD CONSIDER GIVING OXY.SKIN:REMOV E CONTAMIN CLOTH/SHOES IMMED.WASH W/SOAP OR MILD DETERGENT & LG AMTS OF WATER @ LEAST 15-20MINS.EYE: WASH IMMED W/LG AMTS OF WATER OR NORMAL SALINE LIFTING EYELIDS @ LEAST 15-20MINS.INGEST:SEE SUPPLEM

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

Flash Point Method:CC

Flash Point:120F,49C

Lower Limits:0.7

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULAR FOAM.LG FIRES:WATER SPRAY, FOG OR REGULAR FOAM.FLAMM CLASS:II(OSHA)

Fire Fighting Procedures:MOVE CNTNR FROM FIRE W/O RISK.COOL CNTNR SIDES EXPO TO FLAMES W/WATER.HUGE FIRE IN

CARGO:UNMANNED HOSE

HOLDER/MONITOR NOZ.LEAVE IMMEDIATELY IF RISING SOUND FROM VEHICLE

Unusual Fire/Explosion Hazard:MODERATE FIRE HAZARD WHEN EXPOSED TO HEAT/FLAME.VAPOR HEAVIER THAN AIR;MAY TRAVEL CONSIDERABLE DISTANCE TO IGNITION SOURCE & FLASHBACK.VAPOR/AIR MIXTURES ARE EXPLODABLE >FLASHPOINT

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

Spill Release Procedures:SHUT OFF IGNITION SOURCES.STOP LEAK WITHOUT RISK.USE WATER SPRAY TO REDUCE VAPOR.SM:TAKE UP WITH SAND/OTHER ABSORBENT MATERIAL.PLACE INTO CONTAINER.LIGHT:DIKE FOR LATER DISPOSAL.NO SMOKING/FLAMES/FLARES IN HAZARDOUS AREA.KEEP PEOPLE AWAY.ISOLATE AREA.

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

Handling and Storage Precautions:OBSERVE ALL FEDERAL/STATE/LOCAL REGULATIONS WHEN STORING SUBSTANCE.STORE IN ACCORDANCE WITH 29CFR1910.106.BOND/GROUND CONTAINERS IN ACCORDANCE WITH NFPA77-1983,RECOMMENDED PRACTICES ON STATIC ELECTRICITY  
Other Precautions:STORE AWAY FROM INCOMPATIBLE SUBSTANCES.KEEP AWAY FROM ALL IGNITION SOURCES.AVOID BREATHING VAPOR/MIST.AVOID CONTACT WITH EYES/SKIN/CLOTHING.KEEP CONTAINER TIGHTLY CLOSED.USE ONLY WITH ADEQUATE VENTILATION.

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

Respiratory Protection:WEAR SPECIFIC RESPIRATOR BASED ON CONTAMINANT LEVELS IN WORKPLACE,SPECIFIC OPERATOR,DOES NOT EXCEED WORKING LIMITS OF RESPIRATOR & APPROVED BY NIOSH/MSHA.REQUIRED FOR FIREFIGHTING & OTHER IMMEDIATELY DANGEROUS TO LIFE/HEALTH CONDITIONS.

Ventilation:PROVIDE LOCAL EXHAUST/GENERAL DILUTION VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.EXHAUST

OSHA-PROOF IF EXPLODABLE CONCENTRATION OF DUST/VAPOR/FUME PRESENT

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SPLASH-PROOF,DUST-RESISTANT SAFETY GOGGLES

Other Protective Equipment:EYEWASH FOUNTAIN.WEAR APPROPRIATE PROTECTIVE IMPERVIOUS CLOTHING/EQUIPMENT TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING PRIOR TO REUSE.

Supplemental Safety and Health

1ST AID:PREVENT ASPIRATION.GASTRIC LAVAGE WITH CUFFED ENDOTRACHEAL TUBE IN PLACE SHOULD BE DONE WITHIN 15 MINUTES.ABSORPTION

E OF

DEPRESSION/CONVULSIONS/IMPAIRED GAG REFLEX,EMESIS CAN BE INDUCED USING SYRUP OF IPECA C W/O INCREASING HAZ OF ASPIRATION.TREAT SYMPTOMATICALLY/SUPPORTIVELY.IN ALL CASES GET MED ATTN.

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

HCC:F4

Boiling Pt:B.P. Text:>315F,>157C

Melt/Freeze Pt:M.P/F.P Text:-40F,-40C

Vapor Density:>1

Spec Gravity:0.62

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR,WHITE OR LIGHT STRAW-COLORED LIQUID WITH ODOR LIKE DEROS

ENE.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS (STRONG):FIRE/EXPLOSION HAZARD.

Stability Condition to Avoid:AVOID CONTACT W/HEAT/SPARKS/FLAMES/OTHER SOURCES OF IGNITION.AVOID OVERHEATING CNTNRS.AVOID CONTAMIN OF WATER SOURCES.

Hazardous Decomposition Products:THERMAL DECOMP PROD MAY INCLUDE TOXIC OXIDES OF CARBON.

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

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Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS WHEN DISPOSING OF THIS SUBSTANCE.DISPOSAL MUST BE IAW STANDARDS APPLICABLE TO GENERATORS OF HAZ WASTE 40CFR262. EPA HAZ WASTE #:D001. 100 LBS CERCLA SE C 103 RQ.

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