

SUNBELT REFINING CO L P -- JP-4 JET FUEL -- 9130-00-256-8613

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Product Identification  
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Product ID:JP-4 JET FUEL

MSDS Date:05/23/1991

FSC:9130

NIIN:00-256-8613

MSDS Number: BKSKX

=== Responsible Party ===

Company Name:SUNBELT REFINING CO L P

Address:5415 E. RANDOLPH RD

Box:2179

City:COOLIDGE

State:AZ

ZIP:85228-2179

Country:US

Info Phone Num:602-723-9585

Emergency Phone Num:602-723-9585 /

800-424-9300 CHEMTRE

CAGE:0H1N7

=== Contractor Identification ===

Company Name:SUNBELT REFINING CO L P

Address:5415 E. RANDOLPH RD

Box:City:COOLIDGE

State:AZ

ZIP:85228-2179

Country:US

Phone:602-723-9585

CAGE:0H1N7

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Composition/Information on Ingredients  
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Ingred Name:PETROLEUM HYDROCARBONS

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 0.7%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1P

PM/5STEL;1910.1028  
ACGIH TLV:10 PPM; A2; 9192  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 1.5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 2%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000  
LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:EYE/SKIN/RESPIRATORY TRACT:IRRITATION.  
MOST HAZARDOUS IS EXPOSURE TO AIRBORNE MIST OR OTHER ASPIRATION  
INTO THE LUNGS. ONCE INTO THE LUNGS, THIS MATERIAL IS VERY  
DIFFICULT TO REMOVE AND CAN CAUSE DEATH. PROLONGED AND REPEATED  
EXPOSURES CAN  
CAUSE DAMAGES TO THE LIVER, KIDNEYS AND CENTRAL  
NERVOUS SYSTEM.  
Explanation of Carcinogenicity:THIS MATERIAL CONTAINS BENZENE, A KNOWN  
CARCINOGEN.  
Effects of Overexposure:EYE:MILD IRRITATION. SKIN:DRYING AND DEFATTING  
WITH PROLONGED CONTACT. INHALATION:HEADACHE, NAUSEA, LOSS OF  
APPETITE, WEAKNESS, LOSS OF COORDINATION, CONFUSION, DROWSINESS.  
ASPIRATION OF LIQUID MAY CAUSE CHEMICAL PNEUMONITIS.  
INGESTION:G/I IRRITATION, NAUSEA, POSSIBLE VOMITING.  
Medical Cond Aggravated

by Exposure: PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures  
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First Aid: EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. RESUSCITATE OR GIVE OXYGEN AS NEEDED-THEN GET MEDICAL HELP. INGESTION: GIVE MILK OR WATER BUT DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION AT ONCE.

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Fire Fighting Measures  
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Flash Point Method: PMCC

Flash Point: -50F, -46C

Lower Limits: 1.0

Upper Limits: 8.0

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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Accidental Release Measures  
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Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT, ELIMINATE SOURCES OF IGNITION, AND VENTILATE AREA AS REQUIRED. ABSORB SMALL SPILL WITH INERT MATERIAL OR DIKE TO RETAIN LARGE SPILL. PLACE WASTE IN DOT APPROVED CONTAINER FOR DISPOSAL.

Neutralizing Agent: NONE

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Handling and Storage  
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Handling and Storage Precautions: STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION OR OXIDIZERS. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM DAMAGE.

Other Precautions: "EMPTY" CONTAINERS MAY CONTAIN RESIDUE AND/OR FUMES WHICH ARE EXPLOSIVE. DO NOT CUT, DRILL, WELD ETC. ON CONTAINERS.

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Exposure Controls/Personal Protection  
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Respiratory Protection: IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/

MSHA APPROVED RESPIRATOR AS  
PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND  
NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:NITRIL OR PVC GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE  
WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED  
CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE

EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DO NO PRESSURIZE "EMPTY" DRUMS. DO NOT USE THIS MATERIAL FOR A PORTABLE  
HEATER OR APPLIANCE FUEL. KEY1: NOTE! - THIS NSN HAS BEEN  
CANCELLED. NO EATING OR SMOKING WHILE USING THIS PRODUCT.

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

HCC:F2

Boiling Pt:B.P. Text:150F,66C

Vapor Pres:50-90 MM

Vapor Density:3-4

Spec Gravity:0.75-0.80

Solubility in Water:NEGLIGIBLE

Appearance

Color and Odor:CLEAR, WATER WHITE LIQUID WITH PARAFFINIC ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN,  
PEROXIDES, AND HYPOCHLORITES.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS. UNUSED OR SPILL CLEAN-UP  
MATERIAL WILL LIKELY BE A HAZARDOUS WASTE (CODE D001).

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