

CALTEX BAHRAIN -- JP 8 W/O ANTI-ICING ADDITIVE (FSII) -- 9130-01-031-5816

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Product Identification
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Product ID:JP 8 W/O ANTI-ICING ADDITIVE (FSII)

MSDS Date:03/08/1993

FSC:9130

NIIN:01-031-5816

MSDS Number: BRTGP

=== Responsible Party ===

Company Name:CALTEX BAHRAIN

Box:25125

City:AWALI, BAHRAIN ARABIAN GULF

Country:US

Emergency Phone Num:973-75-000-3100

CAGE:KO892

=== Contractor Identif

ication ===

Company Name:CALTEX BAHRAIN

Box:25125

City:AWALI, BAHRAIN ARABIAN GULF

Country:US

CAGE:KO892

Company Name:CALTEX BAHRAIN TRADING COMPANY

Box:25125

City:AWALI, BAHRAIN

Country:SA

Phone:75-000-3100

CAGE:7X567

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Composition/Information on Ingredients
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Ingred Name:PETROLEUM MIDDLE DISTILLATE

Fraction by Wt: 100% %

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:NOT SPECIFIED BY MANUFA

CTURER.

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

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

Health Hazards Acute and Chronic:MODERATE EYE IRRITATION, CENTRAL NERVOUS SYSTEM DISTURBANCES, SKIN IRRITATION, GASTROINTESTINAL DISTURBANCES, ASPIRATION HAZARD. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE ADVERSE EFFECTS.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexpos

ure:EYE IRRITATION, PNEUMONITIS, DROWSINESS, NARCOSIS, SKIN IRRITATION/BURNING/BLISTERING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH IMMEDIATELY WITH WATER FOR SEVERAL MINUTES. INGESTION: DO NOT INDUCE VOMITING. ASPIRATION OF FLUID DANGEROUS. CALL DOCTOR IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION. CALL A PHYSICIAN. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN.

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

Flash Point:102F,39C

Lower Limits:0.58 %

Upper Limits:4.45 %

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, FOAM, CARBON DIOXIDE

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO COOL FIRE-EXPOSED CONTAINERS. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE VAPORS.

Unusual Fire/E

xplosion Hazard:FULL BODY FLAME-RESISTANT CLOTHING AND/OR

TURN-OUT GEAR RECOMMENDED FOR PERSONS ATTEMPTING LEAK OR SPILL CONTROL AND FOR FIRE FIGHTING.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES INCLUDING INTERNAL COMBUSTION ENGINES, DE-ENERGIZE ELECTRICAL EQUIPMENT AND SYSTEMS. VENTILATE AREA. AVOID BREATHING VAPOR. CONTAIN SPILL IF POSSIBLE. REMOVE WITH INERT ABSORBENT. DO NOT ALLOW TO ENTER

DRAINSOR SEWERS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS.

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE.

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Exposure C
Controls/Personal Protection
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Respiratory Protection:NOT NORMALLY REQUIRED. IF OPERATING CONDITIONS CREATE AIRBORNE CONCENTRATIONS WHICH EXCEED RECOMMENDED EXPOSURE STANDARDS, THE USE OF AN APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation:GENERAL DILUTION VENTILATION IS ADEQUATE.

Protective Gloves:NEOPRENE, NITRIL, N-BUTYL RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES/FACE SHIELD

Other Protective Equipment:EMERGENCY EYEWASH STATION AND SHOWER

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health
MIDDLE DISTILLATE HAS CAUSED SKIN CANCER IN LABORATORY ANIMALS. BRIEF OR INTERMITTENT SKIN CONTACT IS NOT EXPECTED TO CAUSE ADVERSE EFFECTS IF IT IS WASHED FROM THE SKIN. AVOID PROLONGED OR REPEATED SKIN CONTACT OR BREATHING OF VAPOR OR MIST.

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Physical/Chemical Properties
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HCC:F4

Boiling Pt:B.P. Text:145-300C

Melt/Freeze Pt:M.P/F.

P Text:NOT GIVEN

Vapor Pres:< 7

Vapor Density:NOT GIVEN

Spec Gravity:0.795

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NIL

Appearance and Odor:CLEAR, COLORLESS LIQUID

Percent Volatiles by Volume:100%

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:SPARKS, HIGH TEMPERATURES, OPEN FLAMES

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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=== Disposal Considerations =====

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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