

JET FUEL JP-4

MSDS Number

BNBDD

National Stock Number

9130-01-305-5596

Product Name

JET FUEL JP-4

Manufacturer

REFINERY ASSOCIATES OF TEXAS INC

Product Identification

Product ID: JET FUEL JP-4

MSDS Date: 10/15/1991

FSC: 9130

NIIN: 01-305-5596

MSDS Number: BNBDD

Responsible Party

REFINERY ASSOCIATES OF TEXAS INC

1150 HWY 46 S

NEW BRAUNFELS, TX 78130

US

Emergency Phone: 512-620-4166

Info Phone: 512-620-4166

Cage: 0CYF2

Contractor

REFINERY ASSOCIATES OF TEXAS INC

NEW BRAUNFELS, TX 78130

US

512-620-4166

Cage: 0CYF2

Ingredients

LIGHT HYDROCARBON MIXTURE

Fraction By Weight: > 97% %

OSHA PEL5 MG/M3 OIL MIST

ACGIH TLV: 5 MG/M3 OIL MIST

NAPHTHENIC OIL

Fraction By Weight: < 3% %

OSHA PEL5 MG/M3 AS OIL MIST

ACGIH TLV: 5 MG/M3 AS OIL MIST

ETHYLENE GLYCOL (SARA III)

CAS: 107-21-1

RTECS: KW2975000

Fraction By Weight: .10-.15%

OSHA PELC 50 PPM

ACGIH TLV: C 50 PPM,VAPOR; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

ADDITIVES (PROPRIETARY)

Hazards

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:CENTRAL NERVOUS SYSTEM DEPRESSION, ANESTHESIA, COMA, RESPIRATORY ARREST, IRREGULAR HEART RATE. OXYGEN DEPRIVATION IS POSSIBLE.

Explanation of Carcinogenicity:NO DATA PER MSDS BUT PRODUCT ASSUMED TO CONTAIN BENZENE WHICH IS LISTED AS A CARCINOGEN BY NTP, IARC AND OSHA.

Effects of Overexposure:IRRITATION OF UPPER RESPIRATORY TRACT, DEPRESSION, DIZZINESS, HEADACHE, INCOORDINATION, ANESTHESIA, COMA, RESPIRATORY ARREST, SKIN IRRITATION/DEFATTING, BURNING SENSATION IN SKIN, SEVERE BURNING SENSATION IN EYES, SWELLING OF EYELIDS, IRRITATION OF THROAT, ESOPHAGUS, STOMACH, NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, RESPIRATORY CONDITIONS.

First Aid

First Aid:EYES: FLUSH IMMEDIATELY FOR 15 MINUTES. SEEK MEDICAL ATTENTION. SKIN: WASH CONTAMINATED AREAS WITH PLENTY OF SOAP AND WATER. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST. INHALATION: REMOVE TO FRESH AIR . RESUSCITATE IF NECESSARY. SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION.

Fire Fighting

Flash Point:Lower Limits:1.3 %

Upper Limits:8 %

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

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion Hazard:TRANSFER PRODUCT BETWEEN COMMONLY GROUNDED CONTAINERS. CONTAMINATED ITEMS IN CLOSED AREA MAY UNDERGO SPONTANEOUS COMBUSTION.

Accidental Release

Spill Release Procedures:CONTAIN LIQUIDS AND PREVENT DISCHARGES TO STREAMS AND SEWER SYSTEMS. CONTROL OR STOP THE LOSS OF VOLATILE MATERIALS TO THE ATMOSPHERE. SPILLS OR RELEASES SHOULD BE REPORTED TO APPROPRIATE LOCAL, STATE AND FEDERAL AUTHORITIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID CONTACT WITH STRONG OXIDIZERS. STORE IN COOL, WELL-VENTILATED AREA AWAY FROM HEAT AND IGNITION SOURCES.

Other Precautions:CONTAINERS SHOULD ALWAYS BE KEPT CLOSED IN STORAGE AND PROPERLY LABELLED. STORE ONLY IN ORIGINAL CONTAINERS. KEEP AWAY FROM CHILDREN. DO NOT SIPHON FUEL BY MOUTH.

Exposure Controls

Respiratory Protection:FOR EXCESS EXPOSURE USE AIR RESPIRATOR. NORMAL USE NOT REQUIRED.

Ventilation:WORK IN WELL VENTILATED AREA.
Protective Gloves:IMPERVIOUS
Eye Protection:FACE SHIELD OR CHEMICAL GOGGLES.
Other Protective Equipment:STANDARD WORK CLOTHING. SHOWER AND EYE WASH FACILITIES SHOULD BE ACCESSIBLE.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
NOTES TO PHYSICIAN: GASTRIC LAVAGE ONLY IF LARGE AMOUNTS HAVE BEEN INGESTED. GUARD AGAINST ASPIRATION INTO THE LUNGS WHICH MAY RESULT IN CHEMICAL PNEUMONITIS. IRREGULAR HEARTBEAT MAY OCCUR. USE OF ADRENALIN IS NOT ADVISABLE. TREAT SYMPTOMATICALLY. NOTE: MFR'S NAME--LAGOVEN, S.A. P.O. BOX 889, CARACAS 1010-A, VENEZUELA

Chemical Properties

HCC:F2
Boiling Pt:B.P. Text:160-520F
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:3.0 PSI
Vapor Density:NOT GIVEN
Spec Gravity:.75 - .81
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS LIQUID WITH AROMATIC ODOR
Percent Volatiles by Volume:100 %

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS
Stability Condition to Avoid:HEAT, IGNITION SOURCES
Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE CARBON MONOXIDE, CARBON DIOXIDE AND HYDROCARBONS.

Disposal

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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