

REFINERY ASSOCIATES OF TEXAS INC -- JET FUEL JP-4 -- 9130-00-256-8613

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Product Identification  
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Product ID:JET FUEL JP-4

MSDS Date:10/15/1991

FSC:9130

NIIN:00-256-8613

MSDS Number: BMZSC

=== Responsible Party ===

Company Name:REFINERY ASSOCIATES OF TEXAS INC

Address:1150 HWY 46 S

City:NEW BRAUNFELS

State:TX

ZIP:78130

Country:US

Info Phone Num:512-620-4166

Emergency Phone Num:512-620-4166

CAGE:0CYF2

=== Contractor Identification ===

Company Name:REFINERY ASSOCIATES OF TEXAS INC

Address:1150 HWY 46 S

Box:City:NEW BRAUNFELS

State:TX

ZIP:78130

Country:US

Phone:512-620-4166

CAGE:0CYF2

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Composition/Information on Ingredients  
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Ingred Name:LIGHT HYDROCARBON MIXTURE

Fraction by Wt: > 97% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:NAPHTHENIC OIL

Fraction by Wt: < 3% %

Other REC Limits:NONE SPECIFIED

OS

HA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:ETHYLENE GLYCOL (SARA III)  
CAS:107-21-1  
RTECS #:KW2975000  
Fraction by Wt: .10-.15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:C 50 PPM  
ACGIH TLV:C 50 PPM,VAPOR; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ADDITIVES (PROPRIETARY)  
Other REC Limits:NONE SPECIFIED

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

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, INCOORDIN  
ATION, 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 Measures =====

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 Measures =====

Flash Point: