

EXXON COMPANY USA -- 121901-00086 THERMALLY STABLE JET FUEL -- 9130-00-551-2264  
===== Product Identification =====

Product ID:121901-00086 THERMALLY STABLE JET FUEL

MSDS Date:11/23/1993

FSC:9130

NIIN:00-551-2264

MSDS Number: BWKWG

=== Responsible Party ===

Company Name:EXXON COMPANY USA

Address:800 BELL STREET

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-656-6449/34

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Emergency Phone Num:713-656-6449/3424

CAGE:DO849

=== Contractor Identification ===

Company Name:EXXON COMPANY U.S.A.

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949 / 713-656-3424

CAGE:29700

Company Name:EXXON COMPANY USA

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949; 800-298-4007

CAGE:DO849

===== Composition/Information on Ingredients =====

Ingred Name:KEROSENE (PETROLEUM), HYDROTREATED; PETROLEUM DISTILLATE,  
H

YDROTREATED ,(MINERAL SPIRITS)

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: 100%

Ingred Name:ETHYLENE GLYCOL MONOMETHYL ETHER (EGME), METHYL CELLOSOLVE,  
2-METHOXY ETHANOL, METHYL OXITOL

CAS:109-86-4

RTECS #:KL5775000

Fraction by Wt: .10-.15%

Other REC Limits:16 PPM

OSHA PEL:25 PPM

ACGIH TLV:16 MG/CUM

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

LD50 LC50 Mixture:ORAL LD50(RAT): >5 G/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinoge

nicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: MILD DEPRESSION TO

RESPIRATORY IRRITATION/POSSIBLY DEATH. SKIN: PROLONGED/REPEATED  
CONTACT TEND TO REMOVE SKIN OILS, LEADING TO IRRITATION/DERMATITIS.

EYES: IRRITATION. INGESTION: MINUTE A MOUNTS ASPIRATED INTO THE  
LUNGS DURING INGESTION/VOMITING MAY CAUSE MILD TO SEVERE PULMONARY  
INJURY/POSSIBLY DEATH.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, DISORIENTATION, D  
RYNESS,

DEFATTING, VOMITING.

Medical Cond Aggravated by Exposure:PETROLEUM SOLVENTS/PETROLEUM  
HYDROCARBONS-EXISTING DERMATITIS.

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

First Aid:EYES: FLUSH W/CLEAR WATER FOR 15 MINS. SKIN: WASH W/SOAP &  
WATER. INHALATION: REMOVE FROM EXPOSURE, APPLY CPR/OXYGEN IF  
NECESSARY. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL  
ATTENTION IN ALL CAS ES.

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

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Flash Point Method:TCC

Flash Point:110F

Lower Limits:0.9

Upper Limits:7

Extinguishing Media:FOAM, WATER SPRAY (FOG), DRY CHEMICAL, CO2, VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS

Fire Fighting Procedures:USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS & PROTECT FIRE FIGHTER. (SEE SUPP)

Unusual Fire/Explosion Hazard:LIQUID IS VOLATILE & GIVES OFF INVISIBLE VAPOR WHICH MAY SETTLE IN LOW AREAS & TRAVEL DISTANCES A LONG THE GROUND/SURFACE TO IGNITION SOURCES & IGNITE/EXPLODE.

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

Spill Release Procedures:SHUT OFF/ELIMINATE ALL IGNITION SOURCES. EVACUATE AREA. RECOVER FREE PRODUCT W/SAND/EARTH/SUITABLE ABSORBENT. MINIMIZE BREATHING VAPORS/SKIN CONTACT. VENTILATE AREA. OPEN WINDOWS & DOORS. KEEP PRODUCT OUT OF SEWERS/WATERCOURSES BY DIKING/IMPOUNDING.

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. DON'T STORE NEAR HEAT/SPARKS/FLAME/STRONG OXIDANTS. MINIMIZE BREATHING VAPOR/MIST/FUMES. AVOID CONTACT W/SKIN.  
Other Precautions:EMPTY DRUMS SHOULD BE DRAINED/BUNGED & RETURNED TO A DRUM RECONDITIONER. EMPTY CONTAINERS RETAIN RESIDUE. DON'T PRESSURIZE/CUT/WELD/BRAZE/SOLDER/DRILL/GRIND/EXPOSE TO HEAT/FLAME/SPARKS/IGNITION SOURCE S. THEY MAY EXPLODE & CAUSE INJURY/DEATH

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

Respiratory Protection:USE SUPPLIED AIR RESPIRATORY PROTECTION IN CONFINED/ENCLOSED SPACES IF NEEDED.  
Ventilation:SUFFICIENT TO PREVENT EXCEEDING EXPOSURE LIMIT/BUILDUP OF EXPLOSIVE CONCENTRATION OF VAPOR IN AIR.  
Protective Gloves:CHEMICAL RESISTANT.  
Eye Protection:SPLASH GOGGLES/FACE SHIELD  
Other Protective Equipment:CHEMICAL RESISTANT APRON/IMPERVIOUS CLOTHING  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE. WASH

THOROUGHLY W/SOAP & WATER.

Supplemental Safety and Health

FIRE PROC CONT'D: WATER SPRAY MAY BE USED TO LFUSH AWAY FROM EXPOSURES.

MINIMIZE BREATHING OF GASES, VAPOR, FUMES/DECOMPOSITION PRODUCTS.

USE SUPPLIED AIR BREATHING EQUIPMENT FOR ENCLOSED/CONFINED SPA CES.

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

Boiling Pt:B.P. Text: 315-500F

Melt/Freeze Pt:M.P/F.P Text:-64F

Vapor Pres:5

Spec Gravity:0.767-0.797

pH:7

Evaporation Rate & Reference:(N-BU AC=1):