

EXXON INTERNATIONAL CO,CARGO TRADING DEPT -- AVIATION TURBO FUEL (KEROSENE) --  
9130-01-031-5816

===== Product Identification =====

Product ID:AVIATION TURBO FUEL (KEROSENE)

MSDS Date:09/01/1991

FSC:9130

NIIN:01-031-5816

MSDS Number: BNKRM

=== Responsible Party ===

Company Name:EXXON INTERNATIONAL CO,CARGO TRADING DEPT

Address:200 PARK AVE

City:FLORHAM PARK

State:NJ

ZIP:07932-1002

Country:US

Info

Phone Num:201-765-5000, 908-966-7893

Emergency Phone Num:201-765-5000, 908-966-7893

CAGE:9X193

=== 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 INTERNATIONAL CO,CARGO TRADING DEPT

Address:200 PARK AVE

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State:NJ

ZIP:07932-1002

Country:US

Phone:201-765-5000, 908-966-7893

CAGE:9X193

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

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Ingred Name:KEROSENE  
CAS:64742-81-0  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: SLIGHTLY IRRITATING. DOES NOT  
INJURE EYE TISSUE. SKIN: MAY DRY AND DEFAT SKIN, LEADING TO  
IRRITATION AND DERMATITIS. INHALA  
TION: HIGH CONC. OF VAPORS ARE  
IRRITATING TO MUCOUS MEMBRANES, MAY CAUS E HEADACHES, DIZZINESS,  
ACT AS AN ANESTHETIC, CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.  
INGESTION: LOW ORDER OF TOXICITY.  
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS  
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.  
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, SKIN  
DEFATTING, DERMATITIS. INHALATION: MUCOUS MEMBRANE IRRITATION,  
HEADACHE, DIZZINESS, ANESTHETIC EFFE  
CT, CENTRAL NERVOUS SYSTEM  
EFFECTS. INGESTION: VOMITING.  
Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING DISEASE  
INVOLVING THE EYES, SKIN OR RESPIRATORY TRACT MAY BE AT INCREASED  
RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION  
PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.  
WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS GET MEDICA  
L  
ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE  
CPR. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION.  
INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC  
Flash Point:100F,38C  
Extinguishing Media:FOAM, DRY CHEMICAL POWDER, CARBON DIOXIDE.  
Fire Fighting Procedures:USE WATER FOG OR SPRAY TO COOL FIRE-EXPOSED  
SURFACES AND TO PROTECT PERSONNEL. SHOULD ONLY B

E USED BY PERSONNEL  
TRAINED IN FIRE FIGHTING.

Unusual Fire/Explosion Hazard:LIQUID CAN RELEASE VAPORS THAT READILY  
FORM FLAMMABLE MIXTURES AT OR ABOVE THE FLASH POINT. STATIC CHARGES  
CAN ACCUMULATE AND MAY CAUSE INCENDIARY DISCHARGE.

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

Spill Release Procedures:STOP LEAK. ELIMINATE ALL IGNITION SOURCES.  
DIKE SPILL TO KEEP OUT OF SEWERS AND WATERWAYS. VENTILATE CONFINED  
AREAS. RECOVER FREE LIQUID. ABSORB RESIDU  
E WITH SUITABLE ABSORBENT.  
PLACE ABSORBED WASTE I N CONTAINERS FOR DISPOSAL. USE NON-SPARKING  
TOOLS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY  
FROM HEAT, SPARKS, FLAME, STRONG OXIDANTS. KEEP CONTAINERS CLOSED.  
DO NOT SIPHON BY MOUTH. DO NOT SMOKE IN AREA.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE  
DANGEROUS. DO  
NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL,  
GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC  
EKECTRICITY, OR OTHER SOURCES OF I GITION; THEY MAY EXPLODE.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF  
VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV.  
WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS  
OF CONTAMINATES.

Ventilation:PROVIDE SUFFIC  
IENT VENTILATION TO PREVENT EXCEEDING  
RECOMMENDED EXPOSURE LIMIT OR BUILDUP OF EXPLOSIVE CONCENTRATIONS.

Protective Gloves:CHEMICAL IMPERVIOUS GLOVES IF NEEDED.

Eye Protection:USE GOGGLES OR FACE SHIELD IF NEEDED.

Other Protective Equipment:PROVIDE EYE WASH STATION AND SAFETY SHOWER.  
USE CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING IF  
NEEDED.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

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Supplemental Safety and Health

DO NOT ATTEMPT TO CLEAN CONTAINERS SINCE RESIDUE IS DIFFICULT TO REMOVE. "EMPTY" DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM RECONDITIONER, ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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

HCC:F4

Boiling Pt:B.P. Text:572F,300C

Spec Gravity:0.775-0.84

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Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR AND BRIGHT; NO SPECIFIED LIMITS FOR COLOR.

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDANTS SUCH AS LIQUID CHLORINE AND CONCENTRATED OXYGEN.

Stability Condition to Avoid:EXTREME TEMPERATURES, STATIC ELECTRICITY, SPARKS, OPEN FLAMES.

Hazardous Decomposition Products:SMOKE AND CARBON MONOXIDE MAY BE FORMED IN THE EVENT OF INCOMPLETE COMBUSTION.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES, OR EXTENSIVE LAND AREAS.

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