

EXXON CO USA, A DIV OF EXXON CORP. -- JET FUEL GRADE JP-5 -- 9130-00-273-2379

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Product Identification  
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Product ID:JET FUEL GRADE JP-5

MSDS Date:09/11/1992

FSC:9130

NIIN:00-273-2379

MSDS Number: BJPSC

=== Responsible Party ===

Company Name:EXXON CO USA, A DIV OF EXXON CORP.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-656-2443

Emergency

Phone Num:713-656-3424

CAGE:29700

=== 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

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Composition/Information on Ingredients  
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Ingred Name:DISTILLATES (PETROLEUM), HYDROTREATED LIGHT. (WHICH IS  
COMPRISED ALSO OF THE FOLLOWING COMPONENTS.)

CAS:64742-47-8

Fraction by Wt: 100%

Other REC Limits:100 PPM/8 HOURS(MFG)

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

Ingred Name:ANTIOXIDANT AND METAL DEATIVATOR

Fraction by Wt: 5 G/KG.

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

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

Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SKIN:

PROLONGED CONTACT WILL DRY AND DEFAT SKIN, LEADING TO IRRITATION AND DERMATITIS. INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION, HEADACHES, DIZZINESS, ANESTHESIA, UNCONSCIOUSNESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING

DEATH. INGESTION: HAS LOW ORDER OF ORAL TOXICITY.

Explanation of Carcinogenicity:NONE OF THE MATERIALS LISTED BY THE MANUFACTURER IN THIS PRODUCT IS LISTED AS A CARCINOGEN BY OSHA,IARC, NTP.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS. INHALATION: RESPIRATORY TRACT IRRITATION, HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLU DING DEATH. INGESTION: HAS LOW ORDER OFORAL TOXICITY.

Me

dical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, RESPIRATORY TRACT OR NERVOUS SYSTEM MAY BE AT INCREASED RISK FROM EXPOSURE. DRYING/CRACKING OF SKIN.

===== 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. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. 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:140F,60C

Autoignition Temp:Autoignition Temp Text:475F

Lower Limits:0.9%

Upper Limits:7.0%

Extinguishing Media:FOAM, WATER SPRAY (FOG), DRY CHEMICAL, CARBON DIOXIDE, AN

D VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS.

Fire Fighting Procedures:USE WATER SPRAY, DRY CHEMICAL, FOAM, CARBON DIOXIDE ON FIRE. USE WATER TO COOL FIRE-EXPOSED CONTAINERS. USE WATER SPRAY TO DISPERSE VAPORS,PROTECT FIREFIGHTERS.

Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR AND MAY SETTLE IN LOW AREAS OR TRAVEL A CONSIDERABLE DISTANCE TO SOURCE OF IGNITION WHERE THEY MAY EXPLODE, OR IGNITE AND FLASH BACK.

===== Accidental Release Measures =====  
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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 RESIDUE 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 HE

AT, SPARKS, FLAME, STRONG OXIDANTS. KEEP CONTAINERS CLOSED.

DO NOT SIPHON BY MOUTH. DO NOT SMOKE IN AREA.

Other Precautions:AVOID BREATHING OF VAPORS.

===== 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 SUFFICIENT VENTILATION TO PR  
EVENT EXCEEDING

RECOMMENDED EXPOSURE LIMIT OR BUILDUP OF EXPLOSIVE CONCENTRATIONS.

Protective Gloves:CHEMICAL RESISTANT 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. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and

Health

"EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) 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, RETURN DRAINED, PROPERLY BUNGED DRUMS TO A DRUM RECONDITIONER.

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

HCC:F4

Boiling Pt:B.P. Text:338F,170C

Melt/Freeze Pt:M.P/F.P Text:-51F,-46C

Vapor Pres:5

(AIR=1)

Spec Gravity:0.788-0.845

pH:7

Viscosity:8.5 CST

Evaporation Rate & Reference: