

EXXON CO USA, A DIV OF EXXON CORP. -- JET FUEL GRADE JP-5;125000-00075 --
9130-00-273-2379

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

Product ID:JET FUEL GRADE JP-5;125000-00075
MSDS Date:09/15/1993
FSC:9130
NIIN:00-273-2379
MSDS Number: BVFRK
=== 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 Number: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

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

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: 5G/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:MAY
CAUSE IRRITATION AND DEFATTING.INGEST:MAY CAUSE GI TRACT
IRRITATION.MAY CAUSE LUNG DAMAGE IF VOMITED AFTER
INGESTING.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS D
EPRESSION.CHRONIC:HEXANE(CONTAINED IN THIS PRO
DUCT)MAY CAUSE
NERVIOUS SYSTEM DAMAGE.

Explanation of Carcinogenicity:THIS PRODUCT MAY CAUSE SKIN CANCER.LIVER
TUMORS WERE DISCOVERED IN FEMALE RATS.

Effects of

Overexposure:INHAL:HEADACHE,DIZZINESS,ANESTHESIA,DROWSINESS,UNCONSC
IOUSNESS ...DEATH.SKIN:PRODUCT INJECTED INTO THE SKIN MAY NOT LOOK
SERIOUS,BUT SHOULD BE HANDLED AS A MEDICAL EMERGENCY.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
AILMENTS(EG.DERMATITIS) MAY BE AT INCREASED RISK FROM EXPOS
URE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.PRODUCT INJECTED UNDER THIS SKIN SHOULD BE HANDLED AS AN
EMERGENCY.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO
FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF
NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL
ATTENTION.

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

Flash Point Met

hod:PMCC

Flash Point:140F,60C

Autoignition Temp:Autoignition Temp Text:475F

Lower Limits:0.9

Upper Limits:7.0

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

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL
DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.FIRE
CONDITIONS MAY PRODUCE TOXIC FUMES.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.AVOID DISCHARGE INTO SEWER.

Neutralizing Agent:NONE

===== 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.

Other Precautions:FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.GROUND CONTAINERS WHEN TRANSFERRING LIQUIDS.WASHING HANDS WITH SOAP AND WATER GREATLY REDUCES THE RISK OF SKIN TUMORS.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:CHEMICAL RESISTANT GLOVES IF NEEDED.

Eye Protection:USE GOGGLES OR FACE SHIELD IF NEEDED.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDRY WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health
NONE

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

HCC:F4

Boiling Pt:B.P. Text:338F-554F

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

Decomp Temp:Decomp Text:8.5CST

Vapor Pres:5 (AIR=1)

Spec Gravity:0.788-0.845

pH:7

Viscosity:8.5 CST

Evaporation Rate & Reference: