

MOTOR OIL HELLAS-CORINTH REFINERIES SA -- AVIATION TURBINE FUEL, JP8 --  
9130-01-031-5816

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

Product ID:AVIATION TURBINE FUEL, JP8

MSDS Date:06/09/2000

FSC:9130

NIIN:01-031-5816

Status Code:A

MSDS Number: CLNLP

=== Responsible Party ===

Company Name:MOTOR OIL HELLAS-CORINTH REFINERIES SA

Address:2 KARAGEORGI SEERVIAS ST

Box:1280

City:ATHENS GR AND EUB NONE

Country:

GR

Info Phone Num:011-301-8094255

Emergency Phone Num:011-0741-48602 OR 48702 EXT 299

Resp. Party Other MSDS Num.:MOH 0008

CAGE:6W100

=== Contractor Identification ===

Company Name:MOTOR OIL HELLAS-CORINTH REFINERIES SA

Address:2 KARAGEORGI SEERVIAS ST

Box:1280

City:ATHENS GR AND EUB NONE

Country:GR

Phone:011-301-8094255

CAGE:6W100

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

Ingred Name:COMPLEX MIXTURE OF HYDROCARBONS WITH CARBON NUMBERS  
PREDOMINATELY IN THE RANGE  
C9 TO C16. COMPOSED PRIMARILY OF  
STRAIGHT RUN DISTILLATES.

Ingred Name:JP8 MAY CONTAIN PROPRIETARY ADDITIVES SUCH AS ANTIOXIDANTS  
AND METAL DEACTIVATOR; BUT WILL CONTAIN CORROSION INHIBITOR, STATIC  
DISSIPATOR & FUEL SYSTEM ICING INHIBITOR, THE LATTER BEING TOXIC.

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

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

Health Hazards Acute and Chronic:INHALATION: MAY CAUSE IRRITATION TO  
NOSE, THROAT & LUNGS

RESULTING FROM EXPOSURE TO VAPORS GENERATED DURING NORMAL DUTY HOURS. PROLONGED EXPOSURE TO VAPORS CAN EFFECT THE CENTRAL NERVOUS SYSTEM. EYE: SHORT TERM EXPOSURE TO VAPORS OR MISTS MAY BE IRRITATING TO THE EYES. SKIN: BRIEF OR OCCASIONAL CONTACT MOST LIKELY WILL NOT CAUSE SKIN IRRITATION. SKIN ABSORPTION: PROLONGED OR REPEATED EXPOSURE MAY LEAD TO SKIN ABSORPTION & PRODUCE TOXIC EFFECTS. INGESTION: INGESTION MAY CAUSE GASTROINTESTINAL EFFECTS.

Effects of Overexposure:

INHALATION: MAY CAUSE IRRITATION TO NOSE, THROAT & LUNGS RESULTING FROM EXPOSURE TO VAPORS GENERATED DURING NORMAL DUTY HOURS. PROLONGED EXPOSURE TO VAPORS CAN EFFECT THE CENTRAL NERVOUS SYSTEM CAUSING HEADACHE, DIZZINESS & LOSS OF CONCENTRATION. EYE: SHORT TERM EXPOSURE TO VAPORS OR MISTS MAY BE IRRITATING TO THE EYES. SKIN: BRIEF OR OCCASIONAL CONTACT MOST LIKELY WILL NOT CAUSE SKIN IRRITATION. SKIN ABSORPTION: PROLONGED OR REPEATED EXPOSURE MAY LEAD TO SKIN ABSORPTION & PRODUCE TOXIC EFFECTS. INGESTION: INGESTION CAN IRRITATE THE MOUTH, THROAT & STOMACH & MAY CAUSE GASTROINTESTINAL EFFECTS SUCH AS DISCOMFORT, VOMITING, DIARRHEA.

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First Aid Measures  
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First Aid: INHALATION: IMMEDIATELY REMOVE INDIVIDUAL TO FRESH AIR AREA. IF THE INDIVIDUAL IS UNCONSCIOUS PLACE IN THE RECOVERY POSITION, & ADMINISTER CARDIOPULMONARY RESUSCITATION. EYES: FLUSH WITH LOW PRESSURE WATER, ENSURING EYELIDS ARE KEPT OPEN. SKIN: WASH THOROUGHLY WITH SOAP & WATER. IF THE INDIVIDUAL IS SATURATED WITH THE FUEL DRENCH WITH WATER, REMOVING CLOTHING AS SOON AS POSSIBLE. INGESTION: WASH OUT MOUTH THOROUGHLY WITH WATER. IF SWALLOWED, SEEK IMMEDIATE MEDICAL ADVICE-DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION AS NEEDED FOR ALL ROUTES OF ENTRY.

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Fire Fighting Measures  
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Flash Point: >38.C, 100.4F  
APPROX  
Autoignition Temp: =246.C, 474.8F  
Au

toignition Temp Text:APPROX

Lower Limits:0.6

Upper Limits:4.6

Extinguishing Media:DRY POWDER, FOAM, BCF, CO2, OR WATER FOG.

Fire Fighting Procedures:USE BREATHING APPARATUS IN ENCLOSED SPACES.

COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER BUT ENSURE THE WATER DOES NOT SPREAD THE FIRE OVER A LARGE AREA. ALWAYS ENSURE AN INVIOATE ESCAPE PATH IS AVAILABLE FROM ANY FIRE.

Unusual Fire/Explosion Hazard:MODERATELY COMBUSTIBLE, ANY SPILLAGE SHOULD BE CONSIDERED A POTENTIAL FIRE

HAZARD, FLAMMABLE VAPORS

RELEASED WHEN HEATED ABOVE FLASH POINT WHICH ARE EXPOSED TO IGNITION SOURCES CAN BURN IN OPEN AREAS OR BE EXPLOSIVE IN CONFINED AREAS. MISTS OR SPRAYS MAY BE FLAMMABLE BELOW THE NORMAL FLASH POINT.

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

Spill Release Procedures:ISOLATE FROM ALL IGNITION SOURCES. STOP FLOW, CONTAIN & RECOVER SPILLAGE USING ABSORBENTS OR OTHER APPROVED COLLECTION METHODS. DO NOT DISPOSE OF INTO ANY DR

AINAGE SYSTEMS &

USE EVERY POSSIBLE MEASURE TO PREVENT ENTRY INTO SURFACE WATER SOURCES. MODERATELY TOXIC TO AQUATIC LIFE & MAY CAUSE MORTALITY TO AQUATIC ORGANISMS. COULD BE HARMFUL TO WILDLIFE.

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

Handling and Storage Precautions:STORE AND DISPENSE ONLY IN WELL VENTILATED AREAS AWAY FROM HEAT OR SOURCES OF IGNITION. SAMPLE CONTAINERS MUST BE PROPERLY LABELED & CLOSED WHEN NOT IN USE. ALL ELECTRICAL EQUIP

MENT IN AREAS WHERE PRO DUCT IS STORED/HANDLED MUST BE INSTALLED I/A/W APPLICABLE REQUIREMENTS OF NATIONAL SAFETY CODES.

Other Precautions:JP8 WILL NOT BE USED AS SOLVENT OR CLEANING AGENT.

EMPTY CONTAINERS-UNTIL THOROUGHLY DECANTED AND VAPOR FREED-RETAIN SOME LIQUID AND VAPOR RESIDUES AND STRINGENT HAZARD PRECAUTIONS MUST BE FOLLOWED WH EN HANDLING THESE CONTAINERS.

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

Respiratory Protection:RESPIRATORY EQUIP

MENT NOT REQUIRED UNDER NORMAL  
WORKING CONDITIONS.

Ventilation:SUFFICIENT VENTILATION MUST BE PROVIDED FOR TO NOT ONLY  
MAINTAIN VAPOR CONCENTRATION BELOW ACCEPTABLE EXPOSURE LIMITS, BUT  
ALSO PRECLUDE THE DEVELOPMENT OF

Protective Gloves:OIL IMPERVIOUS GLOVES IF SKIN CONTACT IS LIKELY

Eye Protection:EYE PROTECTION FACE SHIELD OR GOGGLES SHOULD BE WORN

Other Protective Equipment:WEAR PROTECTIVE CLOTHING IF SKIN CONTACT IS  
LIKELY.

Work Hygienic Practices:OBSERVE GOOD HYGIENE PRACTIC  
ES. WASH HANDS

BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. CHANGE  
CONTAMINATED CLOTHING AND DO NOT REUSE UNTIL THOROUGHLY CLEANED.

Supplemental Safety and Health

NEVER ENTER STORAGE TANKS W/OUT BREATHING APPARATUS UNLESS THE TANK HAS  
BEEN WELL VENTILATED & IT HAS BEEN ASCERTAINED THAT THE TANK  
ATMOSPHERE CONTAINS HYDROCARBON VAPOR CONCENTRATION OF LESS THAN 1%  
OF THE LOWER FLAMMABILITY LIMIT & ANY OXYGEN CONCENTRATION OF AT  
LEAST 20 PERCENT VOLUME.

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

HCC:F3

Boiling Pt.=150.C, 302.F

B.P. Text:150-300C

Melt/Freeze Pt:>-47.C, -52.6F

Vapor Pres:NIL

Viscosity: