

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 RANG  
E 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 & LUNG

S 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 Overexp

posure: 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 =====

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 ATT'N AS NEEDED FOR ALL ROUTES OF ENTRY.

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

Flash Point: >38.C, 100.4F  
APPROX  
Autoignition Temp: =246.C, 474.8F  
A

Autoignition 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 INVIOLETE 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 D

RAINAGE 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 EQUI

PMENT 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 EQUI

PMENT 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 PRACTICES. 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: