

TURBINE FUEL, AVIATION, GRADE JP-8

MSDS Number

BNBWH

National Stock Number

9130-01-281-5692

Product Name

TURBINE FUEL, AVIATION, GRADE JP-8

Manufacturer

OIL REFINERIES LIMITED

Product Identification

Product ID: TURBINE FUEL, AVIATION, GRADE JP-8

MSDS Date: 01/07/1992

FSC: 9130

NIIN: 01-281-5692

MSDS Number: BNBWH

Responsible Party

OIL REFINERIES LIMITED

SDEROT HAHISTAGRUT

HAIFA 31000 ISREAL

Emergency Phone: 972-4-788111

Info Phone: 972-4-788111

Cage: 0N507

Contractor

OIL REFINERIES LIMITED

HAIFA 31000 ISREAL

972-4-788111

Cage: 0N507

Ingredients

DIESEL FUEL (MIXTURE; TYPE NOT SPECIFIED)

Fraction By Weight: > 95%

SULFUR

CAS: 7704-34-9

RTECS: WS4250000

Fraction By Weight: < 1.0%

BENZENE (SARA III)

CAS: 71-43-2

RTECS: CY1400000

Fraction By Weight:

OSHA PEL1PPM/5STEL;1910.1028

ACGIH TLV: 10 PPM; A2; 9192

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

Hazards

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION OF EXCESSIVE CONCENTRATIONS OF VAPOR OR MIST CAN BE IRRITATING TO RESPIRATORY TRACT AND CAN CAUSE SYMPTOMS OF CENTRAL NERVOUS SYSTEM DEPRESSION. OVER INHALATION MAY LEAD TO LOSS OF CONSCIOUSNESS AND DEATH. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DERMATITIS. ASPIRATION MAY CAUSE CHEMICAL PNEUMONIA.
Explanation of Carcinogenicity:INFORMATION PER MANUFACTURER, HOWEVER, CONTAINS BENZENE WHICH IS LISTED AS A CARCINOGEN BY NTP, IARC AND OSHA.
Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, CONVULSIONS, MILD DEPRESSION.
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: FLUSH THOROUGHLY WITH RUNNING WATER FOR 15 MINUTES INCLUDING UNDER EYELIDS. OBTAIN MEDICAL ATTENTION. SKIN; REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WELL WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. RESTORE AND/OR SUPPORT BREATHING AS REQUIRED. OBTAIN PROMPT MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. OBTAIN PROMPT MEDICAL ATTENTION FOR FURTHER ASSISTANCE.

Fire Fighting

Flash Point Method:PMCC
Flash Point:100F,38C (MIN)
Autoignition Temp:Autoignition Temp Text:475F
Lower Limits:0.6 %
Upper Limits:4.6 %
Extinguishing Media:DRY CHEMICAL, HALON, CARBON DIOXIDE, FOAM, WATER SPRAY.
Fire Fighting Procedures:USE A WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. USE A SMOTHERING TECHNIQUE FOR EXTINGUISHING FIRE. DO NOT USE A DIRECT WATER STREAM; WILL SPREAD FIRE.
Unusual Fire/Explosion Hazard:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Accidental Release

Spill Release Procedures:NOTIFY SAFETY PERSONNEL. REMOVE SOURCES OF HEAT OR IGNITION. PROVIDE ADEQUATE VENTILATION. CLEAN-UP PERSONNEL TO USE PROTECTION AGAINST LIQUID/VAPOR CONTACT. SMALL SPILLS CAN BE CONTAINED BY USING ABSORBENTS, SUCH AS RAGS, STRAW, FOAM, SAND.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM SOURCES OF OPEN FLAME, HEAT, STRONG OXIDIZING AGENTS AND IGNITION.
Other Precautions:PROTECT CONTAINERS FROM PHYSICAL DAMAGE. USE NON-SPARKING TOOLS AND EXPLOSION-PROOF EQUIPMENT. PREVENT STATIC ELECTRIC SPARKS. NO SMOKING IN AREAS OF USE.

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED FILTER AND VAPOR RESPIRATOR WHEN VAPOR/MIST CONCENTRATIONS ARE HIGH.
Ventilation:EXPLOSION-PROOF MECHANICAL VENTILATION RECOMMENDED.
Protective Gloves:RUBBER
Eye Protection:SAFETY GLASSES
Other Protective Equipment:PROTECTIVE CLOTHING MAY BE REQUIRED DEPENDING ON WORKING CONDITIONS. AN EYEWASH FOUNTAIN AND SHOWER SHOULD BE AVAILABLE.
Work Hygienic Practices:DO NOT WEAR OIL CONTAMINATED CLOTHING. DO NOT

PUT OILY RAGS INTO POCKETS.
Supplemental Safety and Health
WASH EXPOSED SKIN AREAS SEVERAL TIMES A DAY WITH SOAP AND WARM WATER
WHEN WORKING WITH THIS MATERIAL.

Chemical Properties

HCC:F4
Boiling Pt:B.P. Text:150-300C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:NEGLIGIBLE
Vapor Density:> 1
Spec Gravity:< 0.84
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR, BRIGHT LIQUID WITH A KEROSENE ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HIGH TEMPERATURES
Hazardous Decomposition Products:THERMAL DEGRADATION MAY YIELD VARIOUS
HYDROCARBONS AND THEIR DERIATIVES, CARBON DIOXIDE, CARBON MONOXIDE
AND SO2.

Disposal

Waste Disposal Methods:MAY BE DISPOSED OF BY A LICENSED WASTE DISPOSAL
COMPANY OR BY CONTROLLED INCINERATION.

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