

SHELL OIL CO -- TURBINE FUEL, JP-8, 2354085427 -- 9130-01-031-5816

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

Product ID:TURBINE FUEL, JP-8, 2354085427

MSDS Date:09/10/1995

FSC:9130

NIIN:01-031-5816

MSDS Number: CFQWX

=== Responsible Party ===

Company Name:SHELL OIL CO

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-2252

Emergency Phone Num:713-473-9461;800-424-9300(CHEMTREC)

CA

GE:SHELO

=== Contractor Identification ===

Company Name:SHELL OIL CO

Box:4320

City:HOUSTON

State:TX

ZIP:77210-5000

Country:US

Phone:713-473-9461/713-241-2252

CAGE:SHELO

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

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

Ingred Name:KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: >96.5%

OSHA PEL:100 PPM (MFR)

ACGIH TLV:100 PPM (MFR)

Ingred Name:MIN

OR ADDITIVES

Fraction by Wt: 100F,>38C

Lower Limits:0.7%

Upper Limits:5%

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEM/CO\*2. DO NOT USE DIRECT STREAM OF WATER. PROD WILL FLOAT & CAN BE IGNITED ON SURF (SUPDAT)

Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP. CAUT. COMBUST. COOL FIRE EXPOS CNTNRS W/WATER. IN CASE OF LG FIRES, ALSO COOL SURROUND EQUIP & STRUCTURES(SUPDAT)

Unusual Fire/Explosion Hazard:CNTNRS EXPOS TO INTENSE HEAT FROM FIRES SHOULD BE COOLED

W/WATER TO PVNT VAP PRESS BUILDUP WHICH COULD RSLT IN CNTNR RUPTURE. CNTNR AREAS EXPOS TO (SUPP DATA)

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

Spill Release Procedures:CAUT. COMBUST. LG SPILLS:ELIM POTNTL SOURCES OF IGNIT. WEAR APPROP NIOSH APPRVD RESP & OTHER PROT CLTHG. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE & CONTAIN. REMOVE W/VACUUM TRUCKS/PUMP TO S TOR/SALVAGE VESSELS. SOAK UP RESIDUE W/(ING 21)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP LIQ & VAP AWAY FROM HEAT, SPKS & FLAME. SURFS THAT ARE SUFFICIENTLY HOT MAY IGNITE EVEN LIQ PROT IN ABSENCE OF SPKS/FLAME. USE(ONLY) W/ADEQ VENT.

Other Precautions:EXTING PILOT LIGHTS, CIGARETTES & TURN OFF OTHER SOURCE OF IGNIT PRIOR TO USE & UNTIL ALL VAPS ARE GONE. VAPS MAY ACCUM & TRAVEL TO IGNIT SOURCES DIST FROM HNDLG SITE; FLASH-FIRE CAN RSLT. K

EEP CNTNRS CLSD WHEN NOT IN USE. CNTNRS, (ING 25)

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD W/29 CFR 1910.134 USE EITHER AN ATM-SUPPLYING RESPIRATOR OR AN AIR-PURIFY ING RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protective

Gloves:CHEMICAL RESISTANT GLOVES (NEOPRENE).

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:ANSI APPROVED EYE WASH FOUNTAIN & DELUGE SHOWER . WEAR CHEMICAL RESISTANT CLOTHING TO MINIMIZE CONTACT (NEOPRENE).

Work Hygienic Practices:WASH W/SOAP & WATER BEFORE EATING, DRINKING, SMOKING/USING TOILET FACILITIES. LAUNDRER CONTAM CLOTHING BEFORE REUSE.

Supplemental Safety and Health

EXTING MEDIA:OF WATER. FIRE FIGHT PROC:W/WATER. EXPLO HAZ:DIRECT FLAME  
C

ONT SHOULD BE COOLED W/LG QTYS OF WATER AS NEEDED TO PVNT WEAKENING OF CNTNR STRUCTURE. HAZ DECOMP PROD:GASES WILL EVOLVE WHEN T HIS MATL UNDERGOES PYROLYSIS/COMBUST. CARBON MONOXIDE & OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUST.

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

Boiling Pt:B.P. Text:320F,160C

Melt/Freeze Pt:M.P/F.P Text:-58F,-50C

Vapor Density:>1

Spec Gravity:0.81 (H\*2O=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLE

AR WHITE LIQUID; KEROSENE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT W/STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, SPARKS & FLAME.

Hazardous Decomposition Products:THERMAL DECOMP PRODS ARE HIGHLY DEPENDENT ON COMBUST CNDTNS. COMPLEX MIXT OF AIRBORNE SOLID, LIQ, PARTICULATES &(SUPDAT)

===== Disposal Considerations =====

Waste Disposal Methods:DI

SPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL

REGULATIONS . UNDER EPA-RCRA (40 CFR 261.21), IF THIS PROD BECOMES A WASTE MATL, IT WOULD BE IGNITABLE HAZ WASTE, HAZ WASTE #D001.

REFER TO LATEST E PA OR STATE REGS REGARDING PROPER DISPOSAL.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this inf

ormation to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.