

DIAMOND SHAMROCK REFINING CO L.P. -- JP-8 -- 9130-01-429-4563

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

Product ID:JP-8

MSDS Date:12/03/1996

FSC:9130

NIIN:01-429-4563

MSDS Number: CFRBN

=== Responsible Party ===

Company Name:DIAMOND SHAMROCK REFINING CO L.P.

Address:9830 COLONADE BLVD

Box:696000

City:SAN ANTONIO

State:TX

ZIP:78269-6000

Country:US

Info Phone Num:210-530-8680

Emergency Phone Num:210-979-83

46

CAGE:3P045

=== Contractor Identification ===

Company Name:DIAMOND SHAMROCK REFINING AND MARKETING CO

Address:9830 COLONNADE BLVD

Box:696000

City:SAN ANTONIO

State:TX

ZIP:78269-6000

Country:US

Phone:210-641-8601

CAGE:3P045

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

Ingred Name:KEROSENE; (LIGHT HYDROCARBON BLEND). REC EXPOS LIM:100
MG/M3 OR 14 PPM (8 HR TWA) (MFR).

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: >97%

Other REC Limits:SEE INGREDIENTS

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:NAPHTHALENE (SARA 313) (CERCLA)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 62C

Lower Limits:0.6%

Upper Limits:5%

Extinguishing Media:DRY CHEMICAL, FOAM OR CARBON DIOXIDE. WATER SPRAY MAY BE INEFFECTIVE ON BURNING PRODUCT.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:CLOTHING, RAGS OR SIMILAR ORGANIC MATL CONTAMINATED W/PROD & STORED IN CLSD SPACE MAY UNDERGO SPONT COMBUST. TRANSFER PRO

D TO & FROM COMMONLY GROUNDED CNTNRS.

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

Spill Release Procedures:IF MATL IS SPILLED/RELS TO ATM, STEPS SHOULD BE TAKEN TO CONTAIN LIQ & PVNT DISCHARGES TO STREAMS/SEWER SYS; & CONTROL/STOP LOSS OF VOLAT MATLS TO ATM. SPILLS/RELS SHOULD BE REPORTED, IF REQD, TO APPR OP LOC, STATE & FED REGULATORY AGENCIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

=====

Handling and Storage Precautions:PROT AGAINST PHYSICAL DMG. SEPARATE FROM OXIDIZING MATLS. STORE IN COOL, WELL-VENTED AREAS OF NON-COMBUST CONSTRUCTION AWAY FROM POSS IGNIT SOURCES.

Other Precautions:OUTSIDE/DETACHED STOR IS PREF. CONTAM CLTHG SHOULD BE STORED IN WELL VENTED AREAS & PRECS TAKEN FOR POSS SPONT COMBUST. NO APPLIC BIOLOGICAL MONITORING EXPOS PROC, BREATH ANALYSIS FOR HYDROCARBONS HAS BEEN SUGGESTED. MONITOR FOR (ING 23)

===== Exposure Controls

/Personal Protection =====

Respiratory Protection:RESP PROT IS NOT REQD UNLESS PRODUCT IS HEATED ABOVE IT'S FLASHPOINT/SPRAYED; USE NIOSH APPROVED RESPIRATORY PROT WHERE SPRAY, MISTS, VAPORS MAY BE GENERATED; FOLLOWING MFR'S RECS. NIOSH APPRVD SUPPLI ED AIR RESP PROT IS REQD FOR IDLH AREAS.

Ventilation:WORK IN WELL VENTED AREAS; USE GOOD ENGINEERING TO PROCESS, TRANSFER & STORE; SPECIAL VENT IS NOT REQD UNLESS (SUPDAT)

Protective Gloves:IMPERMEABLE GLOVES.

Eye Protectio

n:ANSI APPRVD CHEM WORKERS GOGGS &(SUPDAT)

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA .

Work Hygienic Practices:CLTHG CONTAM W/THIS PROD SHOULD BE REMOVED, WASHED IN SOAP & WATER & DRIED BEFORE REUSE. SHOES WHICH HAVE BEEN (SUPDAT)

Supplemental Safety and Health

MED CNDTNS:DEHYDROGENASE ACTIVITY ARE HYPERSUSCEPTIBLE TO HEMOLYTIC EFTS OF NAPHTHALENE. VENT:PROD IS HEATED ABOVE IT'S FLASHPOINT/SPRAYED; GOOD ENGINEERING CONTROLS A RE REQD IN HIGH VOL

USES. EYE PRO T:FULL LGTH FSHLD . HYGIENE PRACT:CONTAM W/THIS PROD & CAN NOT BE DECONTAM SHOULD BE DISCARDED.

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

Boiling Pt:B.P. Text:>360F,>182C

Spec Gravity:0.822 (H*2O=1)

Solubility in Water:TRACE

Appearance and Odor:COLORLESS LIQUID W/AROMATIC ODOR; ODOR THRESHOLD 1 PPM & IS NOT INDEX OF EXPOS.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT W/STRONG OXIDIZERS SUCH AS CHLORINE, CONCENTRATED OXYGEN & SODIUM HYPOCHLORITE OR OTHER HYPOCHLORITES.

Stability Condition to Avoid:AVOID SOURCES OF IGNITION SUCH AS FLAMES, HOT SURFACES, ELECTRICAL OR FUNCTIONAL SPARKS, ETC.

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE CARBON MONOXIDE & CARBON DIOXIDE.

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

Waste Disposal Methods:

CLEAN-UP ACTION SHOULD BE CAREFULLY PLANNED & EXECUTED. SHIPMENT, STOR &/OR DISP OF WASTE MATLS ARE REGULATED & ACTION TO HANDLE/DISP OF SPILLED/RELS MATLS MUST MEET ALL APPLIC LOC, STATE & FED RULES & REGS. WASTE PRODS WILL BE CONSIDERED HAZ(ING 21)

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 information 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.