

HAWAIIAN INDEPENDENT REFINERY, INC. -- DIESEL FUEL MARINE (NATO CODE F76) --
9140-00-273-2377

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

Product ID:DIESEL FUEL MARINE (NATO CODE F76)

MSDS Date:11/01/1985

FSC:9140

NIIN:00-273-2377

MSDS Number: BGXCR

=== Responsible Party ===

Company Name:HAWAIIAN INDEPENDENT REFINERY, INC.

Address:733 BISHOP STREET

Box:3379

City:HONOLULU

State:HI

ZIP:96842

Country:US

Info

Phone Num:808-682-4505

Emergency Phone Num:808-547-3111

CAGE:8P840

=== Contractor Identification ===

Company Name:HAWAIIAN INDEPENDENT REFINERY, INC.

Address:733 BISHOP STREET

Box:3379

City:HONOLULU

State:HI

ZIP:96842

Country:US

Phone:808-547-3111 OR 800-424-9300

CAGE:8P840

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

Ingred Name:DIESEL FUEL,MARINE

RTECS #:HZ1770000

Fraction by Wt: 100%

Other REC Limits:HMIS:100 PPM/5 MG/M3

ACGIH TLV:NOT ESTABLISHED

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==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS A MILD IRRITANT. MOST
HAZARDOUS EXPOSURE IS TO AIRBORN MIST OR OTHER ASPIRATION OF LIQUID
INTO LUNG. PROLONGED/REPEATED OVEREXPOSURE MAY CAUSE LIVER OR
KIDNEY DAMAGE.

Explanation of Carcinogenicity:API HAS DONE STUDIES INDICATING THAT
REPEATED OVEREXPOSURES MAY CAUSE CANCER IN M
ICE.

Effects of Overexposure:EYE:MILD IRRITATION. SKIN:DRYING,DEFATTING WITH
PROLONGED/REPEATED CONTACT.
INHALED:HEADACHE,NAUSEA,CONFUSION,DROWSINESS. ASPIRATION OF LIQUID
MAY CAUSE CHEMICAL PNEUMONITIS. INGESTED:G/I IRRITATION,N
AUSEA,POSSIBLE VOMITING.

Medical Cond Aggravated by Exposure:NONE EXPECTED.

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===== First Aid Measures =====

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED
CLOTHING (LAUNDRER BEFORE RESUSE) AND TH
OROUGHLY WASH AREA OF
CONTACT WITH SOAP AND WATER. INHALED:REMOVE FROM EXPOSURE.
RESUSCITATE OR GIVE OXYGEN IF NEEDED THEN GET MEDICAL ATTENTION.
INGESTED:DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. IF ANY
IRRITATION PERSISTS OR IS SEVERE,GET MEDICAL CARE.

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

Flash Point Method:CC
Flash Point:140F,60C
Lower Limits:0.6
Upper Limits:7.5
Extinguishing Media:FOAM,CARBON DIOXIDE,DRY CHEMICAL,WATER FOG. WATER
MA
Y BE INEFFECTIVE AND MAY SPREAD FIRE IF IMPROPERLY USED.
Fire Fighting Procedures:USE SELF CONTAINED BREATHING
APPARATUS,ESPECIALLY IN ENCLOSED AREAS. WATER SPRAY MAY BE USED TO
COOL FIRE EXPOSED CONTAINERS AND EQUIPMENT.
Unusual Fire/Explosion Hazard:WHEN HEATED SUFFICIENTLY,VAPORS MAY FORM
EXPLOSIVE MIXTURES WITH AIR. SATURATED NEWSPAPERS,RAGS,ETC. MAY
UNDERGO SPONTANEOUS COMBUSTION.

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

Spill Release Procedures:

ELIMINATE IGNITION SOURCES. USE APPROPRIATE PROTECTIVE EQUIPMENT. CONTAIN LEAK.PREVENT LEAK FROM ENTERING SEWER,WATER WAY,ETC. RECOVER AS LIQUID. REPORT SPILL IF APPROPRIATE.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL AREA AWAY FROM OXIDIZERS AND IGNITION SOURCES. DETACHED STORAGE PREFERRED. GROUND CONTAINERS DURING TRANSFER.

Other Precautions:"EMPTY" CONTAINERS MAY CONTAIN RESIDUE AND/OR FUMES WHICH ARE EXPLOSIVE. DO NOT CUT,WELD,ETC.

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

Respiratory Protection:NONE EXPECTED TO BE NECESSARY. USE NIOSH/MSHA RESPIRATOR IF PRODUCT IS MISTED OR IF TLV/PEL IS EXCEEDED.

Ventilation:USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL IF NORMAL ROOM VENTILATION IS INSUFFICIENT.

Protective Gloves:RUBBER,PLASTIC OR OTHER IMPERVIOUS.

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.

Other Protective Eq

uipment:WEAR IMPERVIOUS CLOTHING WHERE CONTACT HAZARD EXISTS.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE.AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

NOTE:MSDS LISTED FLASH POINT AS "100F" WHILE SPEC CALLS FOR 140F MIN. DFSC INFORMED AND ARE RESOLVING DISCREPANCY.

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

HCC:F4

Boiling Pt:B.P. Text:374-806F

Melt/Freeze Pt:M.P/F.P Text:0-30F

Vapor Pres:1

Spec Gravity:0.841

Evaporation Rate &

amp; Reference: