

HAWAIIAN INDEPENDENT REFINERY, INC. -- JET A -- 9130-00-359-2026

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Product Identification  
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Product ID:JET A

MSDS Date:08/01/1989

FSC:9130

NIIN:00-359-2026

MSDS Number: BNCDH

=== 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 O

R 800-424-9300

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

Company Name:PACIFIC RESOURCES INC

Address:733 BISHOP STREET, 30TH FLOOR

Box:3379

City:HONOLULU

State:HI

ZIP:96842

Country:US

Phone:808-547-3111

CAGE:1Y195

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Composition/Information on Ingredients  
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Ingred Name:ALIPHATIC PETROLEUM SOLVENT

CAS:8008-20-6  
RTECS #:OA5500000  
Fraction by Wt: 73%+  
Other REC Limits:NONE SPECIFIED

Ingred Name:AROMATIC HYDROCARBONS  
Fraction by Wt: 25%  
Other REC Limits:NONE SPECIFIED

Ingred Name:OLEFINS  
Fraction by Wt: 1-2%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:NAPHTHALENE (SARA III)  
CAS:91-20-3  
RTECS #:QJ0525000  
Fraction by Wt: 0-3%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 PPM/15 STEL  
ACGIH TLV:10 PPM/15 STEL; 9192  
EPA Rpt Qty:100 LBS  
D  
OT Rpt Qty:100 LBS

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:HIGHLY CORROSIVE, AVOID SKIN CONTACT.  
MAY BE ABSORBED THROUGH THE SKIN IN TOXIC AMOUNTS. EYE, MUCOUS  
MEMBRANE AND RESPIRATORY IRRITANT. CENTRAL NERVOUS SYSTEM  
DEPRESSANT. POLYNEUROPATHY, NEUROLOGIC DYSFUNCTION EFFECTS  
REPORTED.

Explanation of Carcinogenicity:STUDIES INDICATE THAT REPEATED  
OVEREXPOSURES W/O CLEANSING MAY CAUSE CANCER IN MICE  
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 ,NAUSEA,POSSIBLE VOMITING.  
Medical Cond Aggravated by Exposure:NONE EXPECTED.

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

First Aid:EYE:FLUS

H W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. DOCTOR TO ORDER VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Flash Point:1

00F,38C

Lower Limits:4.2

Upper Limits:8.6

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG. WATER, ESPECIALLY STREAM, MAY CAUSE FROTHING AND/OR SPREAD FIRE..

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:DIKE TO PREVENT RUNOFF INTO SEWERS & WATERWAYS.

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===== Accidental Release Measures ==  
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Spill Release Procedures:RESTRICT ACCESS TO AREA. DIKE WITH ABSORBENT MATERIALS. ELIMINATE IGNITION SOURCES. USE FULL PROTECTIVE EQUIPMENT. MATERIAL FLOAATS ON WATER. IF NECESSARY, NOTIFY APPROPRIATE GOVENMENTAL AGENCIES.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:PRODUCT PRESENTS AN EXTRENE FIRE HAZARD. DO NOT USE OR STORE NEAR FLAME, SPARKS, HOT SURFACES, OR INCOMAPATABLES  
. STORE IN COOL WELL VENTILATED AREA.

Other Precautions:KEEP CONTAINER CLOSED. SMOKING SHOULD BE PROHIBITED WHEN TRANSFERRING PRODUCT. "EMPTY" CONTAINERS MAY CONTAIN RESIDUE AND/OR FUMES WHICH ARE EXPLOSIVE. DO NOT CUT,WELD,ETC.

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

Respiratory Protection:NONE FOR MOST USES. APPROVED ORGANIC VAPOR RESPIRATOR OR SCBA FOR SPILL EMERGENCIES.

Ventilation:MAINTAIN LOW VAPOR CONCENTRATION. MATERIAL HAS LOW VOLITILITY. M

ECHANICAL VENTILATION SHOULD BE SPAARK PROOF.

Protective Gloves:IMPERVIOUS

Eye Protection:SPLASH GOGGLES.WHEN POURING OR TRANSFRNG

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING TO PREVENT SKIN CONTACT

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. WASH AFTER USING THE PRODUCT AND BEFORE EATING, DRINKING, ETC.

Supplemental Safety and Health

NONE

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

HCC:F4

Boiling Pt:B.P. Text:>200F,>93C

Melt/Freeze P

t:M.P/F.P Text:-40F,-40C

Vapor Pres:1

Spec Gravity:0.81

Evaporation Rate & Reference: