

HUNT REFINING CO. -- JP-8, JET-A -- 9130-00-359-2026

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

Product ID:JP-8, JET-A

MSDS Date:05/01/1993

FSC:9130

NIIN:00-359-2026

MSDS Number: BRJJX

=== Responsible Party ===

Company Name:HUNT REFINING CO.

Address:1855 FAIRLAWN ROAD

Box:1850

City:TUSCALOOSA

State:AL

ZIP:35403

Country:US

Info Phone Num:205-391-3300

Emergency Phone Num:205-391-3300, CHEMTREC 800-424-9300

CAGE:4L196

=== Contractor Identification ===

Company Name:HUNT R

EFINING CO.

Address:1855 FAIRLAWN ROAD

Box:1850

City:TUSCALOOSA

State:AL

ZIP:35403

Country:US

Phone:205-391-3300, CHEMTREC 800-424-9300

CAGE:4L196

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

Ingred Name:JET FUEL

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:2-METHOXYETHANOL (EGME) (SARA III)

CAS:109-86-4

RTECS #:KL5775000

Fraction by Wt: 0.15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 25 PPM

ACGIH TLV:S, 5

PPM; 9293

Ingred Name:ANTI-STATIC ADDITIVE
Fraction by Wt: 4% PPM
Other REC Limits:NONE RECOMMENDED

Ingred Name:CORROSION INHIBITOR
Fraction by Wt: 1% PPM
Other REC Limits:NONE RECOMMENDED

Ingred Name:ANTIOXIDANTS
Fraction by Wt: 3% PPM
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION:HARMFUL, ASPIRATION INTO LUNGS WILL RESULT IN PULMONARY EDEMA AND CHEMICAL PNEUMONITIS. CHRONIC:LIVER AND KIDNEY DAMAGE, ANEMIA.
Effects of Overexposure:IRRITATION, ITCHING, NARCOSIS, HEADACHE, NAUSEA, NAUSEA, FATIGUE AND LITHARGY.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN, RESPIRATORY OR CENTRAL NERVOUS SYSTEM DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED.
EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH WITH SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS PERSIS T. INGESTION:DO NOT INDUCE VOMITING, DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:>100F,>38C
Lower Limits:0.7
Upper Li

imits:5.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPORS CAN TRAVEL A LONG DISTANCE ALONG
GROUND AND FLASHBACK EXPLOSIVELY. CONTAINERS MAY BURST WITH HEAT OF
FIRE.

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

Spill Release Proc

edures:ELIMINATE IGNITION SOURCES. VENTILATE AREA.

USE NON-SPARKING TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT. STOP LEAK
AND CONTAIN SPILL. ABSORB IN INERT ABSORBENT AND PLACE INTO
APPROPRIATE DISPOSAL CONTAINER AND SEAL. WASH AREA WITH PLENTY OF
WATER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
PLACE, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE
MATERIALS. KEEP CONTAINERS CLOSED
WHEN NOT IN USE.

Other Precautions:AVOID BREATHING VAPORS, EYE AND SKIN CONTACT.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR
CARTRIDGE IF TLV IS EXCEEDED.

Ventilation:SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST
VENTILATION. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:NITRILE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic

Practices:WASH THOROUGHLY AFTER HANDLING. LAUNDER
CONTAMINATED CLOTHING.

Supplemental Safety and Health

THESE PRECAUTIONS ARE FOR NORMAL USES AND CONDITIONS. WHERE SPECIAL OR
UNUSUAL CONDITIONS EXIST, CONSULT AN INDUSTRIAL HYGIENIST.

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

HCC:F4

Boiling Pt:B.P. Text:300F, 149C

Vapor Pres: