

WYOMING REFINING COMPANY -- 1 DIESEL FUEL,1 HEATING OIL -- 9140-00-419-0450

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

Product ID:1 DIESEL FUEL,1 HEATING OIL

MSDS Date:12/01/1992

FSC:9140

NIIN:00-419-0450

MSDS Number: BKS RH

=== Responsible Party ===

Company Name:WYOMING REFINING COMPANY

Address:740 WEST MAIN STREET

City:NEWCASTLE

State:WY

ZIP:82701

Country:US

Info Phone Num:605-342-1614

Emergency Phone N

um:605-342-1614/800-424-9300(CHEMTREC)

Preparer's Name:L.C. HOWARD 307-746-4445

CAGE:4L822

=== Contractor Identification ===

Company Name:WYOMING REFINING CO

Address:MAIN ST

Box:820

City:NEWCASTLE

State:WY

ZIP:82701

Country:US

Phone:605-342-1614

CAGE:4L822

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

Ingred Name:DIESEL FUEL #1 (MIXTURE OF AROMATIC AND ALIPHATIC
HYDROCARBONS)

Fraction by Wt: >90%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM (NAPHTHA)

ACGIH TLV:40

0 PPM (NAPHTHA)

Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 3% APPRX

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 PPM/15 STEL

ACGIH TLV:10 PPM/15 STEL; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

=====
===== 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:PRODUCT IS MILDLY IRRITATING TO BODY TISSUES. BR

EATHING VAPORS MAY PRODUCE CENTRAL NERVOUS SYSTEM

DEPRESSION. LOW TOXICITY BY INGESTION, BUT MINUTE AMOUNTS ASPIRATED INTO LUNGS MAY CAUSE SEVERE PULMON ARY INJURY, EVEN DEATH.

NAPHTALENE IS POTENTIAL IRRITANT TO EYES, SKIN, LUNGS, AND MAY DAMAGE BLOOD, EYES AND KIDNEYS.

Explanation of Carcinogenicity:PRODUCT CAN CAUSE SKIN CANCER WHEN REPEATEDLY APPLIED AND NEVER WASHED FROM ANIMAL'S SKIN.

Effects of Overexposure:EYES/SKIN: MILD IRRITATION, POSSIBLE DERMATITIS WITH PROLO

NGED/REPEATED CONTACT. INHALATION: RESPIRATORY

IRRITATION, NAUSEA, DIZZINESS, HEADACHE, FOLLOWED BY

UNCONSCIOUSNESS AND CONVULSIONS. INGESTED: LOW ORDER TOXICITY, G/I IRRITATION, NAUSEA. LIQUID ASPIRATED INTO LUNGS AT INGESTION MAY CAUSE SEVERE PULMONARY INJURY.

Medical Cond Aggravated by Exposure:PEOPLE WITH A SKIN DISORDER SHOULD USE EXTRA CAUTION TO AVOID SKIN CONTACT WHEN HANDLING OR USING THIS PRODUCT.

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

=====
=====

First Aid:EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. IF

IRRITATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER.

REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALATION:

REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR.

INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:140F,60

C
Autoignition Temp:Autoignition Temp Text:475F
Lower Limits:0.5
Upper Limits:6.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL OR VAPORIZING LIQUIDS. NOTE:WATER MAY BE INEFFECTIVE.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PR
ODUCTS AND VAPORS.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. MINOR: ABSORB
MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERIAL.
PLACE IN DISPOSAL CONTAINERS. MAJOR: DIKE & CONTAIN SPILL. SHUT OFF
LEAKS. RECOVER LIQUID I F POSSIBLE OR ABSORB.

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

Handling and Storage Precautions:DO NOT STORE OR HANDLE NEAR HEAT,
SPARKS, FL
AMES OR STRONG OXIDANTS. USE AND STORE IN COOL, WELL
VENTILATED AREAS. ELECTRICALLY GROUND CONTAINERS.
Other Precautions:USE ONLY AS MOTOR FUEL OR FURNACE OIL. DO NOT WELD,
HEAT OR DRILL EMTPY CONTAINER. REPLACE CAP OR BUNG. NOT FOR USE AS
PRTABLE HEATER OR APPLIANCE FUEL. TOXIC FUMES MAY ACCUMULATE AND
MAY CAUSE DEATH.

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE
NIOSH/MSHA APPROVE
D AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR
ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134
FOR REGULATIONS PERTAIN ING TO RESPIRATOR USE.
Ventilation:USE ONLY IN A WELL VENTILATED AREA. USE EXPLOSION PROOF
ELECTRICAL EQUIPMENT.
Protective Gloves:NEOPRENE, OR OTHER CHEMICAL RESISTANT.
Eye Protection:SPLASH GOGGLES OR FACESHIELD.
Other Protective Equipment:USE CHEMICAL RESISTANT APRON AND/OR OTHER
CLOTHING AS NEEDED TO PREVENT PROLONGED OR REPEATED SKIN CONTACT

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID PROLONGED/REPEATED CONTACT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

DIESEL EXHAUST IS A POTENTIAL CARCINOGENIC HAZARD TO HUMAN ACCORDING TO NIOSH.

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

HCC:F4

Boiling Pt:B.P. Text:330F,166C

Vapor Pres:2 MM

Vapor Density:>1

Spec Gravity:0.8

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID, HYDROCARBON ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE, OXYGEN RICH AIR, HYPOCHLORITES.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:SMOKE, CARBON MONOXIDE, CARBON DIOXIDE MAY BE FORMED DURING COMBUSTION.

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

Waste

Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER MAKES NO SUGGESTIONS AS TO METHOD OF DISPOSAL. HMIS SUGGESTS THAT DISPOSAL MAY BE DONE BY INCINERATION.

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.

ity 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.