View NSN Online: https://aerobasegroup.com/nsn/9140-00-286-5287

FRONTIER OIL AND REFINING CO. -- 1 DIESEL FUEL -- 9140-00-286-5287

Product ID:1 DIESEL FUEL MSDS Date:01/01/1987 FSC:9140 NIIN:00-286-5287 MSDS Number: BQMBK === Responsible Party === Company Name: FRONTIER OIL AND REFINING CO. Address:1700 LINCOLN SUITE 2100 City:DENVER State:CO ZIP:80203 Country:US Info Phone Num:307-634-3551/303-860-6100 **Emergency Phone Num:80** 0-424-9300(CHEMTREC) CAGE:0A0Y5 === Contractor Identification === Company Name: FRONTIER OIL AND REFINING COMPANY Address:1600 BROADWAY Box:City:DENVER State:CO ZIP:80202 Country:US Phone:307-634-3551 CHEMTREC 800-424-9300 CAGE:0A0Y5 

Ingred Name:DIESEL FUEL Fraction by Wt: 100% Other REC Limits:5 MG/M3 IF MISTING

Routes of Entry: Inhalation:YES Skin:YES I

ngestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:ACUTE: MILD EYE AND SKIN IRRITATION, UPPER RESPIRATORY TRACT IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS, UNCONSCIOUSNESS AND DEATH. ASPIRATION INTO LUNGS AFTER INGESTION MAY CAUSE SEVERE PULMONARY INJURY, POSSIBLY DEATH. INJECTION OF PRODUCT UNDER SKIN MAY CAUSE SERIOUS TISSUE DAMAGE.

CHRONIC: DERMATITIS.

Explanation of Carcinogenicity: SIMILAR PRODUCTS USUALLY PRODUCED SKIN

CANCER IN LABORATORY MICE. DIESEL EXHAUST HAVE INCREASED CANCER IN LAB ANIMALS.

Effects of Overexposure:EYE/SKIN: MILD IRRITATION. PROLONGED CONTACT PRODUCES SKIN DRYNESS, IRRITATION. INHALATION: EYE AND RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, DEATH.

Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.

First Aid:EYES:

FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHING, WASH WITH SOAP AND WATER. INJECTION: THIS IS A SERIOUS MEDICAL EMERGENCY. SEE D OCTOR IMMEDIATELY REGARDLESS OF APPEARANCE OR SIZE. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR IMMEDIATELY.

Flash Point Method:TCC Flas h Point:>115F,>46C Autoignition Temp:Autoignition Temp Text:410F Lower Limits:0.5 Upper Limits:6 Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL. 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:IF LEAK HAS NOT IGNITED USE WATER SPRAY TO DISPERSE VAPORS AND PROVIDE PROTECTION TO FIREFIGHTERS. VAPORS

## HEAVIER THAN AIR. CAN TRAVEL ALONG GROUND & FLASHBACK.

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT. USE NON-SPARKING TOOLS. FOR LARGE SPILLS, CONTAIN WITH EARTHEN DIKE OR PETROLEUM ABSORBENT MATERIAL. REMOVE WITH GROUNDED SUC TION PUMP.

Handling and Storage Precautions:CONTENTS ARE FLAMMABLE. KEEP AWAY FROM

HEAT, SPARKS, AND OPEN FLAME. DURING USE AND UNTIL ALL VAPORS ARE GONE: KEEP AREA VENTILATED-DO NOT SMOKE.

Other Precautions: AVOID BREATHING OF VAPORS. LABORATORY TESTS ON ANIMALS HAVE SHOWN THAT EXPOSURE CAN CAUSE SKIN TUMORS. ALWAYS PROMPTLY WASH OFF ANY EXPOSED SKIN.

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PE L/TLV.

WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS OF CONTAMINANTS.

Ventilation:GENERAL (MECHANICAL) VENTILATION IS NORMALLY ADEQUATE. Protective Gloves:VINYL, NEOPRENE, NBR.

Eye Protection: SPLASH GOGGLES OR FACESHIELD.

Other Protective Equipment:INDUSTRIAL-TYPE WORK CLOTHING, HAT AND APRON AS REQUIRED. AN EYE WASH AND DRENCH SHOWER FACILITY SHOULD BE AVAILABLE.

Work Hygienic Practices: MINIMIZE SKIN CONTACT AND BREATHING VAPORS. WASH AFTER HANDLING. RE

MOVE AND LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health

KEEP CONTAINER CLOSED WHEN NOT IN USE. TRANSFER ONLY TO APPROVED CONTAINERS WITH COMPLETE AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY. "EMPTY" DRUMS OF THIS MATERIAL CAN BE DANGEROUS - AVOID CUTT ING, WELDING, BRAZING, DRILLING ETC WHICH CAN CREATE HIGH TEMPERATURES AND SPARKS.

HCC:F4 Boiling Pt:B.P. Text:350F,177C Vapor Pres:2 @ 68F V apor Density:>1 Spec Gravity:0.81 Viscosity:1.7 CST @104F Solubility in Water:NEGLIGIBLE Appearance and Odor:CLEAR LIQUID. KEROSINE ODOR. Percent Volatiles by Volume:NIL

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS SUCH AS LIQUID CLHORINE, OXYGEN-RICH AIR, SODIUM HYPOCHLORITE, CALCIUM HYPOCHLORITE, ETC.
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION
Hazardous Dec
omposition Products:INCOMPLETE COMBUSTION MAY PRODUCE FUMES, SMOKE, CARBON MONOXIDE, OTHER INCOMPLETELY BURNED HYDROCARBONS.

Waste Disposal Methods:WASTE MATERIAL MAY BE A HAZARDOUS WASTE (CODE D001) WHICH MUST BE DISPOSED OF ACCORDINGLY. MANUFACTURER RECOMMENDS INCINERATION. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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