

EXXON CO USA, A DIV OF EXXON CORP. -- DIESEL FUEL 1 -- 9140-00-286-5287

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

Product ID:DIESEL FUEL 1

MSDS Date:12/02/1991

FSC:9140

NIIN:00-286-5287

MSDS Number: BKS NB

=== Responsible Party ===

Company Name:EXXON CO USA, A DIV OF EXXON CORP.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-656-5949

Emergency Phone Num:713

-656-3424

CAGE:29700

=== Contractor Identification ===

Company Name:EXXON COMPANY U.S.A.

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949 / 713-656-3424

CAGE:29700

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

Ingred Name:KEROSENE (ALIPHATIC HYDROCARBON)

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 100%

Other REC Limits:100 PPM (MFR)

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS E

XPECTED > 5G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion: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.

===== F

irst Aid Measures =====

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.

===== Fire Fighting

Measures =====

Flash Point Method:TCC

Flash Point:100F,38C

Autoignition Temp:Autoignition Temp Text:410F

Lower Limits:0.9

Upper Limits:7

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL AND VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS.

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 L

EAK HAS NOT IGNITED USE WATER SPRAY
TO DISPERSE VAPORS AND PROVIDE PROTECTION TO FIREFIGHTERS. VAPORS
HEAVIER THAN AIR. CAN TRAVEL ALONG GROUND & FLASHBACK.

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

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 =====

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.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF
VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV.
WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS
OF CONTAMINANTS.
Ventilation:GENERAL (MECHANICAL) OR LOCAL EXHAUST AS REQUIRED TO
PREVENT EXCEEDING RECOMMENDED EXPOSURE LIMITS.
Protective Gloves:NEOPRENE OR NATURAL RUBBER GLOVES.
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. REMOVE 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 CA

N CREATE HIGH
TEMPERATURES AND SPARKS.

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

HCC:F4

Boiling Pt:B.P. Text:320F,160C

Melt/Freeze Pt:M.P/F.P Text:-30F,-34C

Vapor Pres: