

ASHLAND PETROLEUM CO DIV OF ASHLAND OIL INC -- FUEL OIL NO.1 DIESEL FUEL --  
9140-00-000-0185

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

Product ID:FUEL OIL NO.1 DIESEL FUEL

MSDS Date:10/07/1993

FSC:9140

NIIN:00-000-0185

MSDS Number: BVPXN

=== Responsible Party ===

Company Name:ASHLAND PETROLEUM CO DIV OF ASHLAND OIL INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Info P

Phone Num:606-329-3333 / FAX 606-329-3230

Emergency Phone Num:606-329-3333 800-274-5263

Preparer's Name:MSDS # 0285437-001.000

CAGE:81355

=== Contractor Identification ===

Company Name:ASHLAND INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Phone:800-622-6846

CAGE:81355

Company Name:LEEMON OIL INC

Address:13507 ALBURN

Box:23340

City:DETROIT

State:MI

ZIP:48223

Country:US

Phone:313-272-6700

CAGE:3R586

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

=====

Ingred Name:ALIPHATIC PETROLEUM SOLVENT  
CAS:8008-20-6  
RTECS #:OA5500000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5MG/KG(SIMILAR PROD)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES:MAY CAUSE SEVERE  
IRRITATION.SKIN:MAY CAUSE MODERATE IRRITATION AND  
DEFATTING.ING  
EST:MAY CAUSE GI TRACT IRRITATION.MAY CAUSE LUNG  
DAMAGE IF VOMITED AFTER INGESTING.INHAL:MAY CAUSE RESPIRATORY IRRI  
TATION AND CNS DEPRESSION.  
Explanation of Carcinogenicity:MIDDLE DISTILLATE CAN PRODUCE SKIN  
CANCER.WHOLE DIESEL EXHAUST IS A POTENTIAL CARCINOGEN.  
Effects of Overexposure:EYES:REDNESS,TEARING,BLURRED  
VISION.SKIN:DERMATITIS.INHAL:DIZZINESS,HEADACHE,NAUSEA,HEADACHE,FAT  
IGUE,POSSIBLE UNCONSCIOUSNESS AND ASPHYXIATION.  
Medical Cond Aggravated by Exposure:PERSONS WIT  
H PRE-EXISTING SKIN  
AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND  
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH  
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT  
INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point:115F,46C  
E  
xtinguishing Media:REGULAR FOAM,CARBON DIOXIDE,DRY CHEMICAL.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER  
FOG.  
Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID.FIRE CONDITIONS MAY  
EVOLVE TOXIC FUMES.WATER OR FOAM MAY CAUSE DANGEROUS FROTHING.VAPOR  
TRAVEL ALONG THE GROUND AND CAN FLASHBACK.

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

Spill Release Procedures:ELIMINA

TE SOURCES OF IGNITION.USE PROPER  
RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF  
SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT  
ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.AVOID  
DISCHARGE TO SEWER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED  
AREA FOR COMBUSTIBLE MATERIALS.KEEP CONTAINER CLOSED WHEN NOT IN  
USE.AVOID HEAT AND SOURCES  
OF IGNITION.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN HAZARDOUS  
RESIDUE;DISPOSE OF PROPERLY.GROUND CONTAINERS WHEN TRANSFERRING  
LIQUIDS;FLOWING HYDROCARBONS CAN BECOME ELECTROSTATICALLY CHARGED.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN  
ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR  
A NOISH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS,DEPENDING ON  
THE AIR  
BORNE CONCENTRATION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)  
VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A  
LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET  
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK  
AREA.

Supplemental Safety and Health  
NONE

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

HCC:F4

Boiling Pt:B.P. Text:260-360F

Vapor Pres: