

FARSTAD OIL INC -- DIESEL FUEL 1/FUEL OIL 1,3501/4195 -- 9140-00-247-4367

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Product Identification  
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Product ID:DIESEL FUEL 1/FUEL OIL 1,3501/4195

MSDS Date:01/01/1991

FSC:9140

NIIN:00-247-4367

MSDS Number: BQMZL

=== Responsible Party ===

Company Name:FARSTAD OIL INC

Address:COUNTY RD 19 N

Box:1842

City:MINOT

State:ND

ZIP:58702

Country:US

Info Phone Num:701-852-1194

Emergency Phone Num:70

1-852-1194/800-424-9300(CHEMTREC)

CAGE:3R470

=== Contractor Identification ===

Company Name:FARSTAD OIL INC

Address:COUNTY RD 19 N

Box:1842

City:MINOT

State:ND

ZIP:58701

Country:US

CAGE:3R470

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Composition/Information on Ingredients  
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Ingred Name:AROMATIC & PARAFFINIC HYDROCARBONS

Fraction by Wt: >90%

Other REC Limits:NONE RECOMMENDED

Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 PPM

/15 STEL  
ACGIH TLV:10 PPM/15 STEL; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-MAY CAUSE EYE  
IRRITATION,REDNESS,BLURRED VISION.PROLONGED/REPEATED SKIN CONTACT  
CAN CAUSE IRRITATION,DEFATTING & DERMATITIS.EXCESSIVE INHALATION OF  
VAPORS CAN CAUSE DIZZINESS,WEAKNESS,FATIGUE,NA  
USEA,HEADACHE,UNCONSCIOUSNESS.ORAL:VOMITING,DIARRHEA.ASPIRATION  
HAZARD.CHRONIC-NAPHTHALENE MAY DAMAGE KIDNEY & BLOOD.  
Explanation of Carcinogenicity:CAUSES LIVER TUMORS IN MICE. NIOSH  
RECOMMENDS WHOLE DIESEL EXHAUST BE REGARDED AS A "POTENTIAL  
OCCUPATIONAL CARCINOGEN".  
Effects of Overexposure:MAY CAUSE EYE IRRITATION,REDNESS,BLURRED  
VISION.PROLONGED/REPEATED SKIN CONTACT CAN CAUSE  
IRRITATION,DEFATTING & DERMATITIS.EXCESSI  
VE INHALATION OF VAPORS  
CAN CAUSE DIZZINESS,WEAKNESS,FATIGUE,NAUSEA,H  
EADACHE,UNCONSCIOUSNESS.ORAL:VOMITING,DIARRHEA.ASPIRATION  
HAZARD.REPEATED EXPOSURE TO NAPHTHALENE DAMAGES KIDNEY & BLOOD  
Medical Cond Aggravated by Exposure:PRE-EXISTING DERMATITIS MAY BE  
AGGRAVATED.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.SKIN:WASH WITH SOAP  
& WATER.EYE:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS  
OPE  
N.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF  
NEEDED.ORAL:DO NOT IN DUCE VOMITING.IF CONSCIOUS,DRINK TWO GLASSES  
OF WATER.CALL A PHYSICIAN.NOTE TO PHYSICAIN:ACTIVATED CHARCOAL  
SLURRY MAY BE ADMINISTERED.SUSPEND 50 GM ACTIVATED CHARCAOL/400 ML  
WATER.USE 5ML/KG(350 MAX)

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

Flash Point Method:TCC  
Flash Point:115F,46C  
Autoignition Temp:Autoignition Temp Text:410F  
Lower Limits:0.5  
Upper Limits:6  
Extinguishing

Media:CARBON DIOXIDE, FOAM/DRY CHEMICAL. WATER/FOAM MAY CAUSE FROTHING & CAN BE DANGEROUS IF SPRAYED INTO HOT, BURNING LIQUID.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:FORMS CARBON MONOXIDE,CARBON DIOXIDE & OTEHR MATERIALS.VAPORS CAN FORM EXPLOSIVE MIXTURE WITH AIR.VAPORS HEAVIER THAN AIR,CAN TRAVEL TO PILOT LIGHT & FLASH BACK

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS.VENTILATE AREA.DIKE SPILL.PREVENT LIQUID FROM ENTERING SEWERS/WATERWAYS.REMOVE SOURCES OF IGNITION.SOAK UP WITH SAWDUST,SAND,OIL DRY OR USE EXPLOSION-PROOF PUMPS.TRANSFER TO SUITABLE CONTAINERS FOR DISPOSAL.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL VENTILATED AREA

AWAY FROM FLAME,SPARKS,HEAT & STRONG OXIDIZING AGENTS.

Other Precautions:USE ONLY IN WELL VENTILATED AREA. DO NOT WELD, HEAT OR DRILL CONTAINER. EMPTY CONTAINER STILL CONTAIN HAZARDOUS/EXPLOSIVE VAPOR/LIQUID. DO NOT USE PRESSURE TO EMPTY DRUM OR EXPLOSION MAY RESULT. TOXIC FUMES MAY ACCUMULATE AND CAUSE DEATH.

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

Respiratory Protection:USE NIOSH-APPROVED RESPIRATORY PROTECTIVE EQUIPMENT FOR CLEANING LARGE SPILLS OR ENTRY INTO LARGE TANKS, VESSELS OR OTHER CONFINED SPACES.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:IMPERVIOUS SUCH AS NITRILE RUBBER

Eye Protection:CHEMICAL SAFETY GLASSES/GOGGLES

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safet

y and Health

AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.  
WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.  
REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT OF REACH OF  
CHILDREN.

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

HCC:F3

Boiling Pt:=166.C, 330.8F

Vapor Pres:2 @ 68F

Vapor Density:>1

Spec Gravity:0.81

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR LIQUID - PARAFFINIC ODOR

===== Stability and Re  
activity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, SPARKS, STATIC ELECTRICITY,  
OPEN FLAMES AND OTHER SOURCES OF IGNITION (IF MATERIAL IS  
HEATED/VAPORS PRESENT)

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS SUCH AS  
CARBON MONOXIDE, CARBON DIOXIDE AND OTEHR TOXIC COMPOUNDS.

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

Waste Disposal Methods:TREATMENT, STORAGE,  
TRANSPORTATION AND DISPOSAL

MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL  
REGULATIONS. DO NOT FLUSH TO SURFACE WATER OR SANITARY SEWER  
SYSTEM. IT IS AN IGNITABLE HAZARDOUS WASTE (RCRA).

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