

U.S. OIL CO., INC -- NO. 1 DIESEL FUEL/NO. 1 FUEL OIL, PROD CODE -- 9140-00-419-0450
===== Product Identification =====

Product ID:NO. 1 DIESEL FUEL/NO. 1 FUEL OIL, PROD CODE

MSDS Date:06/01/1989

FSC:9140

NIIN:00-419-0450

MSDS Number: BPBYH

=== Responsible Party ===

Company Name:U.S. OIL CO., INC

Address:3001 MARSHALL AVE E

City:TACOMA

State:WA

ZIP:98421-3118

Country:US

Info Phone Num:206-383-165

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Emergency Phone Num:206-383-1651

CAGE:9V710

=== Contractor Identification ===

Company Name:U S OIL CO INC

Address:558 CARTER CT

Box:City:KIMBERLY

State:WI

ZIP:54136

Country:US

Phone:920-735-8287

CAGE:9V710

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

Ingred Name:COMPLEX MIXTURE OF ALIPHATIC AND AROMATIC HYDROCARBONS

Fraction by Wt: >90%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/CUM OIL MIST

ACGIH TLV:5 MG/CUM OIL MIST

Ingred Name:BENZENE (SARA III); >100 PPM (TR

ACE LEVELS) BENZENE PER

API WASH AND MAJOR FORMULATORS. BUT NOT LISTED IN THE MSDS'S

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 0.01%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1PPM/5STEL;1910.1028

ACGIH TLV:10 PPM; A2; 9293

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 100PPM.

Effects of Overexposure:EYE:HIGH CONCENCRATION OF VAPORS CAUSE IRRITATION; SKIN: MAY CAUSE MILD IRRITATION, POSSIBLE DERMATITIS WI

TH PROLONGED AND/OR REPEATED CONTACT. INHALATION: RESPIRATORY TRACT IRRITATION, NAUSEA, DIZ ZINESS, HEADACHE,CONFUSION,BLURRED VISION. INGESTED: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING.ASPIRATION HAZARD!

Medical Cond Aggravated by Exposure:PEOPLE WITH A SKIN DISORDER OR IMPARED PULMONARY FUNCTION SHOULD USE EXTRA CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LI DS OPEN. SKIN:WASH WITH SOAP

& WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:DO N OT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.

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

Flash Point Method:TCC

Flash Point:115F,46C

Lower Limits:0.5%

Upper Limits:6.0%

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SSCBA. EVACUATE AREA. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS COOL, FLUSH SPILL/VAPORS AWAY.

Unusual Fire/Explosion Hazard:NONE GIVEN BY MANUFACTURER (SUPPLIER).

HMIS:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS 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. REMOVE LIQUID BY VACUUM OR ABSORBENT. AVOID WASHING TO STORM SEWER

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

Handling and Storage Precautions:STORE IN A COOL, VENTILATED LOW FIRE RISK AREA. DETACHED STORAGE IS PREFERABLE.

Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR. TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON THEM. GROUND CONTAINERS BEFORE TRANSFERRING LIQUID. AVOID HAVING OPEN ELECTRICAL EQUIPMENT IN VAPOR AREAS.

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED.

Protective Gloves:NEOPRENE, NITRILE, OR PVC

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. WEAR IMPERVIOUS CLOTHING WHEN SPLASHING IS LIKELY.

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

PER API, WASHINGTON, DC AND FEW OF MAJOR FORMULATORS, DIESEL FUELS WERE FOUND TO HAVE TRACE LEVELS OF BENZENE. TYPICAL SAMPLE ANALYSIS SHOWED 100 TO 250 PPM OF BENZENE.

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

HCC:F4

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

Vapor Pres:2 MMHG@100

Vapor Density:>1

Spec Gravity:0.81

Evaporation Rate & Reference:NIL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID WITH PARAFFINIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

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

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OTHER PETROLEUM COMBUSTION PRODUCTS. MAY EMIT SULFUR DIOXIDE DEPENDING ON SULFUR.

===== 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 INCINERATION MAY BE THE BEST DISPOSAL METHOD. RCRA HAZ WASTE #S D001, D018 (BECAUSE OF BENZENE IN DIESEL FUELS).RECYCLE.

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