

APEX OIL CO -- NO. 4 FUEL OIL -- 9140-00-247-4360

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Product Identification
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Product ID:NO. 4 FUEL OIL

MSDS Date:01/01/1987

FSC:9140

NIIN:00-247-4360

MSDS Number: BPBSZ

=== Responsible Party ===

Company Name:APEX OIL CO

Address:8182 MARYLAND AVE

City:ST. LOUIS

State:MO

ZIP:63105-3506

Country:US

Info Phone Num:314-889-9600

Emergency Phone Num:800-424-9300/314-889-9600

CAGE:8P125

=== Contra

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Composition/Information on Ingredients
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Ingred Name:FUEL OIL NO. 4

CAS:68476-31-3

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:Y

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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-INGESTION:LOW TOXICITY. MAY CAUSE GI TRACT IRRITATION. INHALATION:INHALATION OF MIST/VAPORS/FUMES MAY CAUSE RESPIRATORY TRACT IRRITATION. SMALL AMOUNT ASPIRATED INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS. EYE:IRRITATION. SKIN:IRRITATION. CHRONIC:DERMATITIS, KIDNEY AND LIVER DAMAGE.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INHAL-WEAKNESS, ANEMIA, PAIN IN LIMBS, GIDDINESS, HEADACHE, NAUSEA, VOMITING, INCOORDINATION, NARCOSIS, STUPOR, COMA, & UNCONSCIOUSNESS. INGESTION-IRRITATION, GIDDINESS, VERTIGO, HEADACHE, ANESTHETIC STUPOR, CNS DEPRESSION, COMA & DEATH. SKIN-DRYING, CRACKING, DEFATTING, DERMATITIS, RASH OF PIMPLES & SPOTS.

Medical Cond Aggravated by Exposure:SKIN AND LUNG DISORDERS.

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First Aid Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED. EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH WITH SOAP AND WATER. GET MED ATTENTION IF SYMPTOMS PERSIST. INGESTION:DO NOT INDUCE VOMITING, DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP IMMEDIATELY.

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Fire Fighting Measures =====

Flash Point:131F,55C

Lower Limits:1.0

Upper Limits:5.0

Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE.

Fire Fighting Procedures:USE SUPPLIED-AIR BREATHING EQUIPMENT FOR ENCLOSED AREAS. COOL EXPOSED CONTAINERS WITH WATER SPRAY. CONTINUE WATER SPRAY UNTIL ENTIRE CONTAINER CONTENTS ARE COOL

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. CONTAINERS MAY EXPODE IN FIRE.

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Accidental Release Measures =====

Spill Release Procedures:SHUT OFF IGNIT

ION SOURCES. ISOLATE HAZARD AREA
& RESTRICT ENTRY. SMALL SPILLS, TAKE UP WITH SAND OR OTHER
ABSORBENT MATERIAL & PLACE INTO CONTAINER FOR LATER DISPOSAL. LARGE
SPILL, DIKE AHEAD OF SPILL TO KEEP OUT OF WATER, COLLECT BY
VACUUMING.

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

Handling and Storage Precautions:AVOID EXCESS INHALATION OR SKIN
CONTACT. ISOALTE FROM SOURCES OF IGNITION.

Other Precautions:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A
CONS
IDERABLE DISTANCE TO A SOURCES OF IGNITION AND FLASH BACK.

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

Respiratory Protection:MASK WITH ORGANIC VAPORS CARTRIDGE IS
RECOMMENDED. USE POSITIVE PRESSURE AIR-SUPPLIED OR SELF-CONTAINED
BREATHING APPARATUS IN THE EVENT OF A LARGE SPILL.

Ventilation:MECHANICAL(GENERAL): USE IN ENCLOSED OR SEMI-ENCLOSED
AREAS.

Protective Gloves:NEOPRENE, PVC GLOVES.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EMPLOYEE MU

ST WEAR APPROPRIATE IMPERVIOUS

CLOTHING & EQUIPMENT TO PREVENT REPEATED OR PORLONGED SKIN CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

NONE

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

HCC:F4

Boiling Pt:B.P. Text:214F,101C

Spec Gravity:.900-1.000

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK OILY LIQUID, CHARACTERISTIC

HYDROCARBON ODOR,

FLAOTS ON WATER.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

Stability Condition to Avoid:MAY BE IGNITED BY HEAT, SPARKS OR FLAMES.

VAPORS MAY TRAVEL TO A SOURCE OF IGNITION & FLASHBACK. VAPOR

EXPLOSION HAZARD.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE

VARIOUS HYDROCARBONS & DERIVATIVES (CARBON DIOXIDE, WATER, ORGANIC
ACIDS, ALDEHYDES).

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

Waste Disposal Methods: UNDER EPA RCRA (40 CFR 261.21), IF THIS PRODUCT BECOMES A WASTE MATERIAL INTENDED FOR DISPOSAL & HAS A FLASH POINT BELOW 140F, IT WOULD BE IGNITABLE HAZARDOUS WASTE (WASTE CODE # D001). DISPOSE I/A/W LOCAL, STATE & FED REGULATIONS.

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