

APEX OIL CO -- NO. 4 FUEL OIL -- 9140-00-247-4361

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Product Identification
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Product ID:NO. 4 FUEL OIL

MSDS Date:01/01/1987

FSC:9140

NIIN:00-247-4361

MSDS Number: BPMQL

=== 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:314-889-9600 OR 800-424-9300

CAGE:8P125

=== Con

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

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Composition/Information on Ingredients
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Ingred Name:NO. 5 FUEL OIL

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYCYCLIC HYDROCARBONS

CAS:8007-45-2

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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Routes of Entry:

Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: ACUTE: INHALE-MIST/VAPOR MAY CAUSE RESPIRATORY TRACT IRRITATION, CNS DEPRESSANT. SKIN-DIRECT CONTACT MAY CAUSE EXTREME IRRITATION WITH SEVERE ERYTHEMS & EDEMA WITH BLISTERING & OPEN SORES. EYE-IRRITATION IS POSSIBLE. CHRONIC: INHALE-DEGENERATIVE CHANGES OF LIVER & KIDNEY MAY OCCUR AFTER PROLONGED EXPOSURE TO HIGH CON.

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

Effects of Overexposure: INHALE-WEAKNESS, ANEMIA, PAIN IN LIMBS, GIDDINESS, HEADACHE, DIZZINESS, 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: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: INHALE-REMOVE FROM VAPOR TO FRESH AIR. IF STOP BREATHING, GIVE CPR. KEEP WARM & AT REST. INGESTION-***SEE SUPPLEMENTAL DATA.*** SKIN-REMOVE SOILED CLOTHING. WIPE OFF EXCESS OIL WITH DRY CLOTH THEN WASH AREA WITH SOAP OR MILD DETERGENT & LARGE AMOUNTS OF WATER UNTIL NO CHEMICAL REMAINS. EYE-FLUSH EYES IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER, OCCASIONALLY LIFTING LIDS UNTIL NO EVIDENCE OF CHEMICAL

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

Flash Point: 131F, 55C

Lower Limits: 1

Upper Limits: 5

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: DO NOT MIX OR STORE WITH STRON

G OXIDANTS.

DO NOT STORE OR POUR NEAR SOURCES OF IGNITION. DO NOT PRESSURIZE, CUT, HEAT, WELD OR EXPOSE EMPTY CONTAINERS.

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

Spill Release Procedures:SHUT OFF IGNITION SOURCES. ISOLATE HAZARD AREA & RESTRICT ENTRY. IF TRAINED, PROCEED BY: 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 OFWATER.

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

Handling and Storage Precautions:AVOID EXCESS INHALATION OR SKIN CONTACT. ISOALT FROM SOURCES OF IGNITION.
Other Precautions:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A CONSIDERABLE DISTANCE TO A SOURCES OF IGNITION AND FLASH BACK. OBSERVE LOCAL, STATE & FEDERAL GOVERNMENTAL SPILL AND WATER QUALITY REGULATIONS.

===== 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:LOCAL EXHAUST: INDOORS, USE LAB HOOD. OUTDOORS WORK UPWIND. MECHANICAL(GENERAL): USE IN ENCLOSED OR SEMI-ENCLOSED AREAS.
Protective Gloves:NEOPRENE, PVC GLOVES.
Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES
Other Protective Equipment:EMPLOYEE MUST WEAR APPROPRIATE IMPERVIOUS CLOTHING & EQUIPMENT TO PREVENT REPEATED OR PORLONG ED SKIN CONTACT.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
INGESTION-DO NOT INDUCE VOMITING. IF MORE THAN 1 MG/KG OF PETROLEUM DISTILLATES ARE SWALLOWED, REMOVE BY GASTRIC LAVAGE BY QUALIFIED MEDICAL PERSONNEL. IF VOMITING OCCURS, KEEP PERSONS HEAD LOWER THAN HIPS TO PREVENT PULMONARY ASPIRATION. AFTER VOMITING STOPS, GIVE 30-60 ML OF FLEET'S PH

OSPHO-SODA DILUTED 1:4 IN WATER.

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

HCC:F4

Boiling Pt:B.P. Text:214-1092F

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

MAY REACT WHEN EXPOSED TO 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).

===== 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 WO

ULD BE UGNITABLE HAZARDOUS WASTE (WASTE CODE #
D001). REFER TO LATES T EPA OR STATE REGULATIONS REGARDING
DISPOSAL.

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