

APEX OIL CO -- NO.5 FUEL OIL -- 9140-01-058-4431

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

Product ID:NO.5 FUEL OIL

MSDS Date:01/01/1987

FSC:9140

NIIN:01-058-4431

MSDS Number: BPCCB

=== 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

=== Contra

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

CAGE:8P125

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

Ingred Name:FUEL OIL

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:MIST OR VAPOR MAY CAUSE RESPIRATORY TRACT IRRITATION. CNS DEPRESSANT. INGESTION MAY CAUSE IRRITATION, CNS DEPRESSION, COMA AND DEATH. SKIN CONTACT MAY CAUSE DRYING, CRACKING, DEFATTING DERMATITIS, & IRRITATION WITH SEVERE ERYTHEMA & EDEMA.ABSORPTION OF LARGE AMOUNTS MAY RESULT IN NARCOSIS. MAY CAUSE EYE IRRITATION.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS ARE LISTED AS CARCINOGENS BY IARC, NTP, OR OSHA. AMES TESTS DID NOT INDICATE MUTAGENIC ACTIVITY.

Effects of Overexposure:GIDDINESS, NERVOUSNESS, HEADACHE, DIZZINESS, WEAKNESS, WEIGHT LOSS, ANEMIA, NUMBNESS, PARALYSIS, NAUSEA, VOMITING, INCOORDINATION, NARCOSIS, STUPOR, COMA, UNCONSCIOUSNESS, DEATH. PROLONGED OR REPEATED EXPOSURE TO HIGH CONCENTRATIONS MAY CAUSE DEGENERATIVE CHANGES TO LIVER AND KIDNEYS WITH POSSIBLE RENAL FAILURE.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASE IN OR A HISTORY OF AILMENTS INVOLVING THE LIVER, KIDNEY, SKIN, CNS, OR REPRODUCTIVE SYSTEM ARE AT A GREATER THAN NORMAL RISK WHEN EXPOSED TO THIS MATERIAL.

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

First Aid:EYE: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES WHILE LIFTING EYELIDS. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:130F,54C

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

E CONTAINER CONTENTS ARE COOL

Unusual Fire/Explosion Hazard:DO NOT STORE NEAR STRONG OXIDANTS. KEEP AWAY FROM SOURCES OF IGNITION. "EMPTY" CONTAINERS MAY CONTAIN FLAMMABLE OR EXPLOSIVE VAPORS WHICH ARE HEAVIER THAN AIR.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. STOP SPILL AT SOURCE. SMALL SPILL - REMOVE LIQUID BY OIL-ABSORBING MATERIALS. LARGE SPILL - EXCLUDE PERSONS NOT WEARING PROTECTIVE EQUIPMENT, DIKE AREA OF SPILL AND PUMP LIQUID INTO SALVAGE TANK.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:AVOID EXCESSIVE INHALATION OR SKIN CONTACT. ISOLATE FROM SOURCES OF IGNITION.

Other Precautions:DO NOT PRESSURIZE, CUT, HEAT, WELD, OR EXPOSE "EMPTY" CONTAINERS TO SOURCES OF IGNITION. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IS RECOMMENDED. USE POSITIVE PRESSURE AIR-SUPPLIED OR SCBA IN THE EVENT OF A LARGE SPILL.

Ventilation:INDOORS, USE LAB HOOD, OUTDOORS, WORK UPWIND. MECHANICAL VENTILATION IS RECOMMENDED FOR USE IN ENCLOSED WORK AREAS.

Protective Gloves:NEOPRENE OR PVC GLOVES

Eye Protection:SPLASH GOGGLES/SAFETY GLASSES W/SHIELDS

Other Protective Equipment:APPROPRIATE IMPERVIOUS CLOTHING AND EQUIPMENT TO PREVENT REPEATED OR PROLONGED SKIN CONTACT WITH THIS SUBSTANCE.

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

Supplemental Safety and Health
INDUSTRIAL FUEL OIL

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

HCC:F4

Boiling Pt:B.P. Text:>426F,>219C

Spec Gravity:0.9

Viscosity:65MAX@100F

Sol

ubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN LIQUID, CHARACTERISTIC HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

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

VAPORS MAY TRAVEL TO SOURCE OF IGNITION AND FLASH BACK; VAPOR
EXPLOSION HAZARD.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE
HYDROCARBONS & HYDROCARBON DERIVATIVES (
CARBON DIOXIDE, ORGANIC
ACIDS & ALDEHYDES).

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

Waste Disposal Methods:UNDER EPA RCRA, IF THIS PRODUCT BECOMES A WASTE
MATERIAL INTENDED FOR DISPOSAL AND HAS A FLASH POINT BELOW 140F, IT
WOULD BE IGNITABLE HAZARDOUS WASTE (CODE D001). REFER TO LATEST EPA
OR STATE REGULATIONS REGARDING PROPER DISPOSAL.

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