

COASTAL CORP -- FUEL OIL #4 -- 9140-00-247-4358

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

Product ID:FUEL OIL #4
MSDS Date:02/07/1990
FSC:9140
NIIN:00-247-4358
MSDS Number: BKQTK
=== Responsible Party ===
Company Name:COASTAL CORP
Address:9 GREENWAY PLAZA
City:HOUSTON
State:TX
ZIP:77046
Country:US
Info Phone Num:713-877-1400
Emergency Phone Num:713-877-6732,713-877-1400
CAGE:46684
=== Contractor Identif
ication ===
Company Name:COASTAL CORP
Address:9 GREENWAY PLAZA
Box:City:HOUSTON
State:TX
ZIP:77046
Country:US
Phone:713-877-6732
CAGE:46684

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

Ingred Name:FUEL OIL NO. 4
CAS:68476-31-3
Fraction by Wt: 100%
Other REC Limits:STEL 10 MG/M3 OIL MI
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

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

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

y:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-INGESTION:HARMFUL OR FATAL.

ASPIRATION INTO LUNGS CAN CAUSE CHEMICAL PNEUMONIA AND CAN BE FATAL. INHALATION OF MIST MAY CAUSE IRRITATION OF NOSE & THROAT.

EYE: IRRITATION. SKIN: IRRITATION. CHRONIC-PROLONGED/REPEATED SKIN CONTACT MAY CAUSE IRRITATION, DERMATITIS.

Effects of Overexposure:INHALATION MAY CAUSE IRRITATION OF NOSE, THROAT AND DIZZINESS. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

EYE CONTACT MAY CAUSE EYE

IRRITATION.INGESTION:VOMITING, WEAKNESS, COMA, CONVULSIONS.

Medical Condition Aggravated by Exposure:PERSONS WITH SKIN & PULMONARY DISORDERS SHOULD AVOID PROLONGED CONTACT WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.

EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:PMCC

Flash Point:>140F,60C

Autoignition Temp:Autoignition Temp Text:765F

Lower Limits:1.0

Upper Limits:5.0

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:RECOVER FREE PRODUCT, OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL

RIAL. STORE IN APPROPRIATE

CONTAINER FOR DISPOSAL. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DIKING OR IMPOUNDING. MINIM IZE SKIN CONTACT AND BREATHING VAPORS.

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

Handling and Storage Precautions:AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION,AND STRONG OXIDANTS. KEEP CONTAINERS CLOSED.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. DO NOT PRESSURIZE, CUT, WELD OR EXPOSE TO HEAT, FLAME, ST
ATIC ELECTRICITY, OR OTHER
SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY.

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

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.

Ventilation:SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CHEMICAL
LY

RESISTANT BOOTS AND APRONS RECOMMENDED.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN/EYE CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED CLOTHING AND LAUNDER BEFORE REUSE. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

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

HCC:F4

Boiling Pt:B.P. Text:400F,204C

Spec G

ravity:0.90-1.0

Viscosity:90-120 SUS

Evaporation Rate & Reference: