

KOCH FUELS SUB OF KOCH REFINING CO -- FUEL OIL #4 -- 9140-00-247-4360

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Product Identification  
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Product ID:FUEL OIL #4

MSDS Date:10/01/1985

FSC:9140

NIIN:00-247-4360

MSDS Number: BPBKJ

=== Responsible Party ===

Company Name:KOCH FUELS SUB OF KOCH REFINING CO

Address:JERSEY AND KING ST

Box:31

City:GLOUCESTER CITY

State:NJ

ZIP:08030

Country:US

Info Phone Num:609-456-6673

Emergency Phone Nu

m:609-456-6673

Preparer's Name:MYRON KLASSEN

CAGE:9N672

=== Contractor Identification ===

Company Name:KOCH FUELS SUB OF KOCH REFINING CO

Address:JERSEY AND KING ST

Box:31

City:GLOUCESTER CITY

State:NJ

ZIP:08030

Country:US

Phone:609-456-6673

CAGE:9N672

Company Name:KOCH REFINING CO INC

Address:HWY 52 AND HWY 55

Box:City:ROSEMOUNT

State:MN

ZIP:55068

Country:US

Phone:612-437-0770

CAGE:3Y026

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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

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:NO RECORDED EFFECTS AT AMBIENT

TEMPERATURES. MAY CAUSE EYE IRRITATION ON CONTACT WITH VAPOR. IF SWALLOWED, SUBSEQUENT VOMITING MAY CAUSE ASPIRATION OF THE MATERIAL AND RESULT IN CHEMICAL PNEUMONITIS. CHRONIC: INHALATI

ON OF VAPORS

MAY CAUSE CANCER.

Explanation of Carcinogenicity:MFR: MAY CONTAIN POLYNUCLEAR AROMATIC HYDROCARBONS; LAB TEST ON ANIMALS SHOW POTENTIAL FOR CARCINOGENICITY.

Effects of Overexposure:EYES: REDNESS, TEARING, DISCOMFORT. INGESTED: NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: REMOVE TO FRESH AIR. EYES: FLUSH WITH LOTS OF WATER. SEE DOCTOR.

SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL ATTENTION .

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

Flash Point Method:PMCC

Flash Point:>140F,>60C

Autoignition Temp:Autoignition Temp Text:500F

Lower Limits:0.6%

Upper Limits:7.5%

Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE, WATER SPRAY. WATER SPRAY RECOMMENDED TO COOL FIRE EXPOSED CONTAINERS AND PERSONNEL.

Fire Fighting P

rocedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:KEEP PERSONNEL AND EQUIPMENT AT A SAFE DISTANCE FROM TANK IN CASE OF BOIL-OVER.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. ABSORB WITH SAND OR OTHER INERT MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL. LARGE SPILLS: CONTAIN SPILL AND PUMP/SALVAGE AS MUCH AS POSSIBLE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CLASS IIIA STORAGE IS RECOMMENDED.  
Other Precautions:WHEN THIS MATERIAL IS HEATED, THERMAL BURNS MAY RESULT UPON CONTACT.

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

Respiratory Protection:NONE NORMALLY REQUIRED.  
Ventilation:USE ADEQUATE MECHANICAL VENTILATION.  
Protective Gloves:NITRILE  
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:APPROPRIATE IMPERVIOUS CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.  
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.  
Supplemental Safety and Health

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

HCC:V4  
Boiling Pt:B.P. Text:300F,149C  
Vapor Pres:2 MM HG  
Vapor Density:10(AIR=1)  
Spec Gravity: