

CONOCO INC. -- FUEL OIL NO 02 -- 9140-00-247-4365

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

Product ID:FUEL OIL NO 02

MSDS Date:08/01/1988

FSC:9140

NIIN:00-247-4365

MSDS Number: BGXGD

=== Responsible Party ===

Company Name:CONOCO INC.

Box:2197

City:HOUSTON

State:TX

ZIP:77252

Info Phone Num:713-293-5550

Emergency Phone Num:713-293-3600

CAGE:DO839

=== Contractor Identification ===

Company Name:CONOCO INC

Address:600 N DAIRY ASHFORD RD RM 3012

Box:4784

City:HOUSTON

State:TX

ZIP:77210-4784

Country:US

Phone:800-441-3637/800-424-9300(CHEMTREC)

CAGE:15445

Company Name:CONOCO INC.

Box:1267

City:PONCA CITY

State:OK

ZIP:74603

Country:US

Phone:405767-6000

CAGE:DO839

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

Ingred Name:FUEL OIL (MIDDLE DISTILLATE)

CAS:68334-30-5

RTECS #:HZ1800000

Fraction by Wt: 100%

Other REC Limits:HMIS 100 PPM/5 MG/M3

===== Hazards Identi

fication =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT IS A MILD IRRITANT. MOST  
HAZARDOUS EXPOSURE IS TO AIRBORN MIST OR OTHER ASPIRATION OF LIQUID  
INTO LUNGS. PROLONGED/REPEATED OVEREXPOSURE MAY CAUSE LIVER OR  
KIDNEY DAMAGE.

Explanation of Carcinogenicity:API HAS DONE STUDIES INDICATING THAT  
REPEATED OVER EXPOSURES MAY CAUSE CANCER IN MICE.

Effects of O

verexposure:EYE:MILD IRRITATION. SKIN:DRYING,DEFATTING WITH  
PROLONGED/REPEATED CONTACT.  
INHALED:HEADACHE,NAUSEA,CONFUSION,DROWSINESS. ASPIRATION OF LIQUID  
MAY CAUSE CHEMICAL PNEUMONITIS. INGESTED:G/I IRRITATION,N  
AUSEA,POSSIBLE VOMITING.

Medical Cond Aggravated by Exposure:NONE EXPECTED.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED  
CLOTHING (LAUNDER BEFORE REUSE) AND THOROUGHLY WASH AREA  
OF CONTACT  
WITH SOAP AND WATER. INHALED:REMOVE FROM EXPOSURE. RESUSCITATE OR  
GIVE OXYGEN IF NEEDED THEN GET MEDICAL ATTENTION. INGESTED:DO NOT  
INDUCE VOMITING. GET MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS  
OR IS SEVERE,GET MEDICAL CARE.

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

Flash Point Method:TCC  
Flash Point:130F  
Autoignition Temp:Autoignition Temp Text:494F  
Extinguishing Media:FOAM,CARBON DIOXIDE,DRY CHEMICAL,WATER FOG. WATER  
MAY BE INE  
FFECTIVE AND MAY SPREAD FIRE IF IMPROPERLY USED.  
Fire Fighting Procedures:USE SELF CONTAINED BREATHING  
APPARATUS,ESPECIALLY IN ENCLOSED AREAS. WATER SPRAY MAY BE USED TO  
COOL FIRE EXPOSED CONTAINERS AND EQUIPMENT.  
Unusual Fire/Explosion Hazard:WHEN HEATED SUFFICIENTLY,VAPORS MAY FORM  
EXPLOSIVE MIXTURES WITH AIR. SATURATED NEWSPAPERS,RAGS,ETC MAY  
UNDERGO SPONTANEOUS COMBUSTION.

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

Spill Release Procedures:ELIMINATE

IGNITION SOURCES. USE APPROPRIATE PROTECTIVE EQUIPMENT. CONTAIN LEAK. PREVENT LEAK FROM ENTERING SEWER, WATER WAYS, ETC. RECOVER AS LIQUID. REPORT SPILL IF APPROPRIATE.

Neutralizing Agent: NONE

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

Handling and Storage Precautions: STORE IN COOL AREA AWAY FROM OXIDIZERS AND IGNITION SOURCES. DETACHED STORAGE PREFERRED. GROUND CONTAINERS DURING TRANSFER.

Other Precautions: "EMPTY" CONTAINERS MAY CONTAIN RESIDUE AND/OR FUMES WHICH ARE EXPLOSIVE. DO NOT CUT, WELD, ETC.

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

Respiratory Protection: NOT EXPECTED TO BE NECESSARY. USE NIOSH/MSHA APPROVED RESPIRATOR IF PRODUCT IS MISTED OR IF TLV/PEL IS EXCEEDED.

Ventilation: USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL IF NORMAL ROOM VENTILATION IS INSUFFICIENT.

Protective Gloves: RUBBER, PLASTIC OR OTHER IMPERVIOUS.

Eye Protection: SAFETY GLASSES OR SPLASH GOGGLES.

Other Protective Eq

uipment: PROTECTIVE APPAREL AS NEEDED IF SPLASHING IS PROBABLE.

Work Hygienic Practices: USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

PRODUCT CODE 4198 MSDS NO GASCO220. MFR STATES VOLITILES ARE "MIL"; OTHER SUPPLIERS LIST 100%.

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

HCC: F4

Boiling Pt: B.P. Text: 350-680

Vapor Pres: 1 MM

Spec Gravity: 0.85-0.93

Solubility in Water: INSOLUBLE

Appearance and Odor: CLEAR, COLORLESS

TO AMBER LIQUID, KEROSENE ODOR.

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS.

Stability Condition to Avoid: HEAT, IGNITION SOURCES.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE.

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

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE, LOCAL REGULATIONS.

INCINERATION IS RECOMMENDED FOR DISPOSAL.

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