

PHILLIPS 66 CO. -- FUEL OIL NO. 2 -- 9140-00-247-4363

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

Product ID:FUEL OIL NO. 2

MSDS Date:01/01/1988

FSC:9140

NIIN:00-247-4363

MSDS Number: BRGTG

=== Responsible Party ===

Company Name:PHILLIPS 66 CO.

Address:346 HOME SAVINGS AND LOAN BLDG

City:BARTLESVILLE

State:OK

ZIP:74004

Country:US

Info Phone Num:918-661-8327

Emergency Phone Num:918-661-3865 OR 918-661-8118

CAGE:6Y142

=== Contractor Identification ===

Company Name:PHILLIPS 66 COMPANY(DIVISION OF PHILLIPS PETROLEUM CO)

Address:699 ADAMS BLDG 411 KEELER ST

Box:City:BARTLESVILLE

State:OK

ZIP:74004

Country:US

Phone:918-661-8327

CAGE:6Y142

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

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES

CAS:68476-30-2

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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azards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION AND RESPIRATORY IRRITATION. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. INGESTION MAY CAUSE MILD GI TRACT IRRITATION; ASPIRATION OF PRODUCT OR VOMIT MAY CAUSE CHEMICAL PNEUMONITIS/PULMONARY EDEMA. CHRONIC: UNKNOWN.

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:EYE:IRRITATION, SKIN:MILD IRRITATION, POSSIBLE DERMATITIS WITH PROLONGED/REPEATED CONTACT. INHALED:RESPIRATORY IRRITATION, NAUSEA, DIZZINESS, HEADACHE. ASPIRATION OF LIQUID INTO LUNGS MAY CAUSE CHEMICAL PNEUMONIA. INGESTED:G/I IRRITATION, NAUSEA, VOMITING.

Medical Conditions Aggravated by Exposure:PEOPLE WITH A SKIN DISORDER SHOULD USE EXTRA CAUTION TO AVOID SKIN CONTACT WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Flash Point Method:TCC
Flash Point:>100F,>38C
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG. WATER, ESPECIALLY STREAM, MAY CAUSE FROTHING AND/OR SPREAD FIRE..
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE

HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR: DIKE & CONTAIN SPILL. SHUT OFF LEAKS. RECOVER LIQUID F OR RECLAIM. ABSORB REMAINDER FOR DISPOSAL.

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

Handling and Storage Precaution

s:STORE IN FLAMMABLE/COMBUSTIBLE LIQUIDS

AREA. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR.

TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON THEM. GROUND CONTAINERS BEFORE TRANSFERRING LIQUID. AVOID HAVING OPEN ELECTRICAL EQU IPMENT IN VAPOR AREAS.

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA

APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR

ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAIN ING TO RESPIRATOR USE.

Ventilation:USE EXPLOSION PROOF LOCAL AND MECHANICAL EXHAUST TO MAINTAIN EXPOSURES BELOW PEL/TLV.

Protective Gloves:IMPERVIOUS.

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.OTHER IMPERVIOUS CLOTHING AS DICTATED BY JOB TO PREVENT PROLONGED/REPE

ATED SKIN CONTACT

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID PROLONGED/REPEATED CONTACT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

NONE

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

HCC:F4

Boiling Pt:B.P. Text:>325F,>163C

Vapor Pres: