

STANDARD OIL CO OF OHIO -- #2 HEATING OIL,UNBRANDED -- 9140-00-247-4365

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Product Identification  
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Product ID:#2 HEATING OIL,UNBRANDED  
MSDS Date:08/05/1988  
FSC:9140  
NIIN:00-247-4365  
MSDS Number: BGWDY  
=== Responsible Party ===  
Company Name:STANDARD OIL CO OF OHIO  
Address:200 PUBLIC SQ  
City:CLEVELAND  
State:OH  
ZIP:44114  
Country:US  
Info Phone Num:800-362-8059 216-586-6499  
Emergency Phone Num  
:800-362-8059/800-424-9300(CHEMTREC)  
Preparer's Name:RIGNEY/R W MAST  
CAGE:82250

=== Contractor Identification ===  
Company Name:BP OIL COMPANY  
Address:200 PUBLIC SQ  
Box:City:CLEVELAND  
State:OH  
ZIP:44114-2375  
Country:US  
Phone:216-586-8023  
CAGE:82250

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Composition/Information on Ingredients  
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Ingred Name:NO. 2 FUEL OIL  
CAS:68476-30-2  
RTECS #:LS8930000  
Fraction by Wt: 99-100%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:TLV FOR OIL MIST IS 5MG/M3

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

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

Health Hazards Acute and Chronic:EYES:SLIGHT IRRITATION.SKIN:MODERATE IRRITATION,POSSIBLY ALLERGIC REACTION.HIGH PRESSURE INJECTIONS ARE A MEDICAL EMERGENCY.INGEST:GI TRACT IRRITATION AND CNS EFFECTS.MAY CAUSE LUNG DAMAGE IF VOMITED AFTER INGESTING.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS EFFECTS.CHRONIC:DEGENERATIVE CHANGE IN KIDNEYS AND LIVER.

Explanation of Carcinogenicity:SIMILAR PRODUCTS HAVE PRODUCED SKIN CANCER IN LABORATORY ANIMALS.

Effects of Overexposure:INGEST:NAUSEA,VOMITING,DIARRHEA.CNS EFFECTS:EXCITATION,EUPHORIA,HEADACHE,DIZZINESS,DROWSINESS,BLURRED VISION,FATIGUE,TREMORS,RESPIRATORY ARREST.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS DEFATTING PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.IF SPONTANEOUS VOMITING OCCURS,MONITOR FOR BREATHING DIFFICULTY.

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

Flash Point:129F,54C  
Lower Limits:0.7  
Upper Limits:5.0NOW  
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Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST AT ELEVATED TEMPERATURES.RUNOFF TO SEWERS MAY CREAT AN EXPLOSION HAZARD.FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:REMOV

E PERSONNEL. ELIMINATE IGNITION SOURCES.  
VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. DIKE AND  
CONTAIN. ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL  
CONTAINER AND COVER. WASH AREA WITH SOAP AND  
WATER.800-424-9300-CHEMTREC

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED  
PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM  
HEAT, SPARKS, FLAMES AND INCOMPAT  
IBLE MATERIALS.

Other Precautions:GROUND CONTAINERS WHEN TRANSFERRING LIQUID;FLOWING  
HYDROCARBONS CAN BECOME ELECTROSTATICALLY CHARGED.EMPTY CONTAINERS  
MUST BE DISPOSED OF PROPERLY.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED  
RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SPLASH GOGGLE  
S IF MISTING.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE  
EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY  
SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE  
EATING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. DISCARD  
CONTAMINATED SHOES

Supplemental Safety and Health  
NONE

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

HCC:F4

Boiling Pt:B.P. Text:320F,160C

Melt/Freeze Pt:M.P/F.P Text:-15F,-26  
C

Vapor Pres:0.4

Vapor Density:4.7

Spec Gravity:0.84-0.89

pH:7

Viscosity:2-3.6CST@100F

Evaporation Rate & Reference: