

SWANN OIL INC -- #6 FUEL OIL -- 9140-00-247-4354

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

Product ID:#6 FUEL OIL

MSDS Date:10/09/1990

FSC:9140

NIIN:00-247-4354

MSDS Number: BPBKH

=== Responsible Party ===

Company Name:SWANN OIL INC

Address:67TH AND SCHUYKILL RIVER

City:PHILADELPHIA

State:PA

ZIP:19153-3489

Country:US

Info Phone Num:215-492-8000

Emergency Phone Num:215-492-8000

CAGE:8M412

=== Contractor Identification ===

Company Name:SWANN OIL INC

Address:67TH AND SC

HUYKILL RIVER

Box:City:PHILADELPHIA

State:PA

ZIP:19153-3489

Country:US

Phone:215-492-8000

CAGE:8M412

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

Ingred Name:FUEL OIL, RESIDUAL

CAS:68553-00-4

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

===== Hazards 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: MAY CAUS

E SKIN AND EYE

IRRITATION OR THERMAL BURNS ON CONTACT. INHALATION OF VAPORS MAY IRRITATE RESPIRATORY SYSTEM OR CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC: SKIN IRRITATION.

Explanation of Carcinogenicity:MFR: PRODUCT MAY CONTAIN COMPONENTS OR PETROLEUM FRACTIONS WHICH HAVE BEEN SHOWN TO CAUSE CANCER IN ANIMAL TESTS.

Effects of Overexposure:INHALED: COUGHING, WHEEZING, SNEEZING, DIZZINESS, HEADACHE, NAUSEA, NERVOUSNESS, UNCONSCIOUSNESS. EYES: TEARING, REDNESS, BURNS

(THERMAL), PAIN. SKIN: REDNESS, BURNS, PAIN, ITCHING, DISCOMFORT. INGEST ED: NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: REMOVE TO FRESH AIR. IF BREATHING STOOED, GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, WHI LE HOLDING EYELIDS OP

EN. SEE DOCTOR. SKIN: IF BURNED, GET IMMEDIATE MEDICAL ATTENTION. IF NOT, WASH WITH SOAP AND WATER. INGESTED: GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:140F,60C

Lower Limits:0.3%

Upper Limits:7%

Extinguishing Media:FOAM, WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, AND VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROT

ECTIVE CLOTHING. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL AND TO DISPERSE VAPORS.

Unusual Fire/Explosion Hazard:TOXIC FUMES OR VAPORS MAY BE PRODUCED DURING A FIRE.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. KEEP OUT OF SEWERS AND WATERWAYS. CONTAIN SPILL. ABSORB WITH SAND OR OTHER INERT MATERIALS. PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIF

IED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.

Other Precautions:"EMPTY" CONTAINERS MAY RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF IN CONFINED SPACES; USE NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR. IF RESPIRATOR USED, A PROGRAM IN ACCORDANCE WITH 29 CFR 1910.134 MUST BE IMPLEMENTED.

Ventilation:LOCAL EXHAUST WITH > 30 CFM VELOCITY TO KEEP VAPORS BELOW REGULATORY LIMITS. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:PROTECT AGAINST HOT LIQUID

Eye Protection:SAFETY GLASSES

Other Protective Equipment:CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS

CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MINIMIZE BREATHING VAPORS, MIST, OR FUMES. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN OR CLOTHING.

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

HCC:F4

Boiling Pt:B.P. Text:450F,232C

Melt/Freeze Pt:M.P/F.P Text:75.0F,23.9C

Vapor Pres:3

(AIR=1)

Spec Gravity:0.99

Viscosity:150 SSF

Evaporation Rate & Reference: