

SUNKYONG LIMITED -- F-76 MARINE FUEL -- 9140-00-255-7764

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

Product ID:F-76 MARINE FUEL

MSDS Date:07/01/1992

FSC:9140

NIIN:00-255-7764

MSDS Number: BPNXY

=== Responsible Party ===

Company Name:SUNKYONG LIMITED

Box:1780

City:SEOUL, KOREA

Country:KO

CAGE:1Y204

=== Contractor Identification ===

Company Name:SUNKYONG LIMITED

Address:C P O BOX 1780

Box:City:SEOUL REPUBLIC

CAGE:1Y204

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

Ingred Name:PETROLEUM MID-DISTILLATE (DIESEL MARINE FUEL)

CAS:68476-34-6

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:ANTI-SETTING AGENT

Other REC Limits:NONE RECOMMENDED

Ingred Name:FLOW IMPROVER

Other REC Limits:NONE RECOMMENDED

Ingred Name:MANUFACTURER DID NOT GIVE A SPECIFIC INGREDIENT LISTING;

HMIS TECHNICIAN DERIVED FROM ADDITIVES LIST

RTECS #:9999999ZZ

Other REC Limits:NONE RECOMMENDED

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

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

Health Hazards Acute and Chronic:ACUTE: CONTACT WITH LIQUID OR MIST MAY CAUSE IRRITATION OF SKIN AND EYES. INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS. SWALLOWING MAY CAUSE ASPIRATION INTO LUN GS WHICH CAN BE FATAL. HIGH PRESSURE INJECTION MAY BE HARMFUL TO SKIN.

Explanation of Carcinogenicity:NO INGREDIENTS LISTED BY MANUFACTURER.

HMIS TECHNICIAN UNABLE TO DETERMINE FROM AVAILABLE DATA.

Effects of Overexposure:INHALED: COUGHING, WHEEZING, SHORTNESS OF BREATH, DROWSINESS, HEADACHE, NAUSEA. EYES: REDNESS, BURNING SENSATION, TEARING. SKIN: SWELLING, DISCOLORED, PAIN. INGESTED: NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: REMOVE TO FRESH AIR. SEE DOCTOR. SKIN: WASH WITH SOAP A

ND WATER. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. SEE DOCTOR. INGESTED: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE 2-4 OZ VEGATAB LE OR OLIVE OIL AND 1-2 OZ OF ACTIVATEDCHARCOAL. GET IMMEDIATE MEDICAL AID. IF HIGH PRESSURE INJECTION OCCURS, GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:>140F,>60C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, AND WATER.

Fire Fighting Procedures:WEAR SELF-CONTAIN ED BREATHING APPARATUS AND

BUNKER GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:MISTING FROM HANDLING OR HEATING MAY CAUSE A FUEL/AIR MIXTURE WHICH IS COMBUSTIBLE; MAY IGNITE IF EXPOSED TO SOURCES OF IGNITION.

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

Spill Release Procedures:STOP FLOW. ELIMINATE ALL SOURCES OF IGNITION.

VENTILATE AREA. WEAR PROPER PROTECTIVE CLOTHES. ABSORB WITH INERT MATERIALS AND PLACE IN A CONTA

INNER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED. KEEP AWAY FROM INCOMPATIBLES. STORE IN A COOL, DRY, WELL-VENTILATED AREA.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR OR

R AIR SUPPLIED RESPIRATOR OR SCBA IN EMERGENCY SITUATIONS. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:NONE NORMALLY REQUIRED. USE ADEQUATE MECHANICAL VENTILATION IF IN ENCLOSED AREA.

Protective Gloves:NITRILE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER

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:N1

Boiling Pt:B.P. Text:>383F,>195C

Spec Gravity:0.83

Appearance and Odor:BRIGHT, CLEAR LIQUID

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXPOSURE TO SOURCES OF IGNITION, CONTACT WITH INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:OXIDES OF CARBON

===== Disposal Con

siderations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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