

SUNKYONG LIMITED -- MARINE FUEL (F76) -- 9140-00-273-2377

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Product Identification
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Product ID:MARINE FUEL (F76)

MSDS Date:07/01/1992

FSC:9140

NIIN:00-273-2377

MSDS Number: BPMRK

=== Responsible Party ===

Company Name:SUNKYONG LIMITED

Address:C P O

Box:1780

City:SEUL, REBUPLIC OF KOEA.

Country:US

CAGE:1Y204

=== Contractor Identification ===

Company Name:SUNKYONG LIMITED

Address:C P O BOX

1780

Box:City:SEOUL REPUBLIC

CAGE:1Y204

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Composition/Information on Ingredients
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Ingred Name:DIESEL FUEL (CAS NO SPECIFIED BY MFR)

CAS:68476-30-2

RTECS #:HZ1770000

Fraction by Wt: 100%

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

Ingred Name:FLOW IMPROVER

Other REC Limits:NONE RECOMMENDED

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

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

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h Hazards Acute and Chronic:MAY CAUSE MILD IRRITATION OF SKIN, EYES AND RESPIRATORY TRACT. ASPIRATION OF LIQUID INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. PROLONGED/REPEATED OVEREXPOSURE MAY CAUSE LIVER OR KIDNEY DAMAGE.

Explanation of Carcinogenicity:REPEATED OVER EXPOSURE TO MIDDLE DISTILLATE HAVE CAUSED CANCER IN MICE.

Effects of Overexposure:EYE:MILD IRRITATION. SKIN:DRYING,DEFATTING WITH PROLONGED/REPEATED CONTACT. INHALE:HEADACHE,NAUSEA,CONFUSION,

DROWSINESS. INGESTION: G/I IRRITATION,NAUSEA,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:140F,60C

Lower Limits:0.6

Upper Limits:7.4

Extinguishing Media:FOAM,CARBON DIOXIDE,DRY CHEMICAL,WATER FOG. WATER MAY BE INEFFECTIVE 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 CONTAIN

RS AND EQUIPMENT.

Unusual Fire/Explosion Hazard:WHEN HEATED SUFFICIENT,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 WAY,ETC. RECOVER AS LIQUID BY PUMPING OR ABSORB IN AN INERT MATERIAL AND SAVE FOR D

ISPOSAL. 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 NECESSARY UNDER NORMAL USE. USE NIOSH 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 Equipment:EYE WASH AND WORK CLOTHES.

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

Supplemental Safety and Health

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

HCC:F4

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

Spec Gravity:0.83

Evaporation Rate & Reference:NEGLIGIBLE

Appearance and Odor:CLEAR BRIGHT LIQUID, KEROSENE ODOR.

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===== 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.

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

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

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