

EXXON CO INTERNATIONAL -- ESSO MARINE GAS OIL -- 9140-00-273-2377

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

Product ID:ESSO MARINE GAS OIL

MSDS Date:08/01/1991

FSC:9140

NIIN:00-273-2377

MSDS Number: BQQLN

=== Responsible Party ===

Company Name:EXXON CO INTERNATIONAL

Address:200 PARK AVE.

City:FLORHAM PARK

State:NJ

ZIP:07932-1002

Country:US

Info Phone Num:201-765-5000

Emergency Phone Num:201-765-5000 OR 9

08-966-7893

CAGE:LO070

=== Contractor Identification ===

Company Name:EXXON CO INTERNATIONAL

Address:200 PARK AVE.

Box:City:FLORHAM PARK

State:NJ

ZIP:07932-1002

Country:US

Phone:201-765-5000

CAGE:LO070

Company Name:EXXON INTERNATIONAL CO,CARGO TRADING DEPT

Address:200 PARK AVE

Box:City:FLORHAM PARK

State:NJ

ZIP:07932-1002

Country:US

Phone:201-765-5000, 908-966-7893

CAGE:9X193

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

Ingred Name:POLYCYCLIC AROMATIC HYDROCARBONS

Other

REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3(OIL MIST) 93

Ingred Name:R 40/20/21
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3(OIL MIST) 93

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: SLIGHTLY IRRITATING. SKIN:
PROLONGED CONTACT MAY DRY AND DEFAT SKIN, LEADIN
G TO IRRITATION AND
DERMATITIS. INHALATION: AT ELEVATED TEMPERATURES VAPOR OR MIST IS
IRRITATING TO MUCOUS MEMBRANES, M AY CAUSE HEADACHES AND DIZZINESS,
MAY BE ANESTHETIC AND MAY CAUSE CNS EFFECTS. INGESTION: LOW ORDER
OF TOXICITY.

Explanation of Carcinogenicity:CONTAINS POLYNUCLEAR AROMATIC
HYDROCARBONS WHICH HAVE BEEN SHOWN TO CAUSE CANCER OF SKIN, LUNGS,
AND OTHER BODY SITES.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DEFATTING,
DERMATITIS. INHALA
TION: RESPIRATORY TRACT IRRITATION, DIZZINESS,
HEADACHE, ANESTHETIC AND CNS EFFECTS. ASPIRATION OF LIQUID INTO
LUNGS MAY CAUSE SEVERE P ULMONARY INJURY AND DEATH. INGESTION: LOW
ORDER OF ACUTE/SYSTEMIC TOXICITY.

Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING DISEASE
INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED
RISK FROM EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WIT
H LARGE AMOUNTS OF WATER. IF IRRITATION
PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS GET MEDICAL
ATTENTION. INHALATION: MOVE TO FRESH AIR. RESTORE BREATHING IF
NECESSARY. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE
VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC
Flash Point:>140F,>60C
Lower Limits:0.9
Upper Limits:7.0

Extinguishing Media:USE FOAM, DRY CHEMICAL POWDER, CARBON DIOXIDE.
Fire Fighting Procedures:USE WATER FOG OR SPRAY TO COOL FIRE-EXPOSED SURFACES AND PROTECT PERSONNEL. RESPIRATORY AND EYE PROTECTION REQUIRED FOR FIRE FIGHTERS EXPOSED TO FUMES OR SMOKE.
Unusual Fire/Explosion Hazard:PRODUCT CAN FORM FLAMMABLE MIXTURES OR BURN ONLY ON HEATING ABOVE FLASH POINT. MINOR CONTAMINATION BY HYDROCARBONS OF HIGHER VOLATILITY MAY INCREASE THE HAZARD.

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

Spill Release Procedures:SHUT OFF SOURCE. PREVENT FROM ENTERING SEWERS AND WATERWAYS. RECOVER LIQUID IF POSSIBLE AND ABSORB REMAINDER ON INERT ABSORBENT. COLLECT IN CONTAINERS FOR DISPOSAL AS HAZARDOUS WASTE. NOTIFY RELEVANT AUTHORITIES WHEN SPILLS OCCUR.

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINERS CLOSED. PREVENT SMALL SPILLS AND LEAKAGES TO AVOID SLIP HAZARD.

Other Precautions:"EMPTY" CONTAINERS MAY CONTAIN RESIDUE LIQUID OR VAPOR. TREAT SAME AS FULL ONES. DO NOT CUT, WELD, DRILL, ETC. ON THEM. GROUND CONTAINERS BEFORE TRANSFERRING LIQUID. AVOID HAVING OPEN ELECTRICAL EQUIPMENT IN VAPOR AREAS.

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL.

Ventilation:USE EXPLOSION PROOF LOCAL EXHAUST AND MECHANICAL (GENERAL) AS REQUIRED TO MAINTAIN EXPOSURES BELOW PEL/TLV.

Protective Gloves:NEOPRENE, OR OTHER IMPERVIOUS GLOVES.

Eye Protection:USE CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:PROVIDE EYE WASH STATION AND SAFETY SHOWER IN WORK AREA.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING

BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F4

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

Vapor Pres:5

Spec Gravity:0.86

Evaporation Rate & Reference:0.02 (N- BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR STRAW-COLORED LIQUID. MILD PETROLEUM ODOR.

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDANTS SUCH AS
LIQUID CHLORINE AND
CONCENTRATED OXYGEN.

Stability Condition to Avoid:KEEP AWAY FROM HEAT SOURCES, OPEN FLAMES
AND OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:FUMES, SMOKE, HYDROGEN SULFIDE, SULFUR
OXIDES, ALDEHYDES, OTHER PRODUCTS AND CARBON MONOXIDE WHEN
INCOMPLETE COMBUSTION.

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

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

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vided with this information by the compiling agencies):

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