

NEWFOUNDLAND DOCKYAARD CORP -- KEROSENE -- 9140-00-242-6748

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

Product ID:KEROSENE

MSDS Date:08/10/1989

FSC:9140

NIIN:00-242-6748

MSDS Number: BNDSG

=== Responsible Party ===

Company Name:NEWFOUNDLAND DOCKYAARD CORP

Address:JOBS BRIDGE CROSSING

Box:97

City:ST JOHNS NEW FOUNDLAND CANADA

Country:CA

Info Phone Num:709-463-8811

Emergency Phone Num:709-463-8811

CAGE:0M8E

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=== Contractor Identification ===

Company Name:NEWFOUNDLAND DOCKYAARD CORP

Address:JOBS BRIDGE CROSSING

Box:97

City:ST JOHNS NEW FOUNDLAND CANADA

Country:CA

Phone:709-463-8811

CAGE:0M8E5

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

Ingred Name:KEROSENE

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 100% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM 9091

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

LD50 LC50 Mixture:NOT

SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE IRRITATION, RESPIRATORY TRACT IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS,SKIN IRRITATION/RASH, GASTROINTESTINAL DISTURBANCES, ASPIRATION HAZARD

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA PER MANUFACTURER.

Effects of Overexposure:EY

ES/NOSE/THROAT IRRITATION, HEADACHES, DIZZINESS, SKIN RASH, NAUSEA, VOMITING, DIARRHEA, RESTLESSNESS, CHEMICAL PNEUMONIA.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND/OR REPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION OR CPR. GET MEDICAL ATTENTION. EYES: FLUSH CONTINUOUSLY WITH WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: FLUSH WITH LARGE AMOUNTS OF WATER. USE SOAP IF AVAILABLE. REMOVE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC
Flash Point:100F,38C
Lower Limits:0.7 %
Upper Limits:5 %
Extinguishing Media:FOAM, DRY CHEMICAL OR WATER SPRAY. AVOID SPRAYING DIRECTLY INTO FIRE.
Fire Fig
hting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. SHUT OFF FUEL TO FIRE IF POSSIBLE. WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL TO REMOTE IGNITION SOURCES AND IGNITE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. KEEP PUBLIC AWAY. PREVENT ACCIDENTAL DISCAHRGE INTO SEWERS, WATERCOURSES OR LOW AREAS. CONTAIN SOILED

LIQUID WITH EARTH OR SAND. RECOVER BY PUMPING
OR USE ON NONCOMBUSTIBLE ABSORBENT.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED AND AWAY FROM
IGNITION SOURCES AND HEAT. HANDLE AND OPEN CONTAINERS WITH CARE.
STORE IN A COOL, WELL-VENTILATED AREA.

Other Precautions:MATERIAL WILL ACCUMULATE STATIC CHARGES WHICH MAY
BECOME A SOURCE OF IGNITION. USE PROPER
GROUNDING PROCEDURES.
FOLLOW PROPER SWITCH LOADING PROCEDURES.

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

Respiratory Protection:WHEN CONCENTRATIONS MAY EXCEED THE PEL/TLV'S AND
WHERE ENGINEERING WORK PRACTICES OR OTHER MEANS OF EXPOSURE
REDUCTION ARE NOT ADEQUATE, APPROVED RESPIRATORS MAY BE NECESSARY
TO PREVENT OVEREXPOSURE BY INHALATION.

Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED. LAB SAMPLES
SHOULD BE HANDLED IN A FUME HOOD.

Protecti

ve Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:LONG SLEEVED SHIRTS, EMERGENCY EYEWASH
STATION AND SHOWER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

MAY FORM COMBUSTIBLE MIXTURES AT OR ABOVE THE FLASHPOINT. FLAMMABLE
GASES WILL FORM AT ELEVATED TEMPERATURES. TOXIC GASES WILL FORM
UPON COMBUSTION. MATERIAL MAY ACCUMULATE

STATIC CHARGES WHICH MAY

DISCHARGE AND CAUSE IGNITION. EMPTY PRODUCT CONTAINERS MAY CONTAIN
PRODUCT RESIDUE. DO NOT PRESSURIZE, CUT, HEAT OR WELD.

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

HCC:F4

Boiling Pt:B.P. Text:130F - 300C

Melt/Freeze Pt:M.P/F.P Text:-40F,-40C

Vapor Pres:5 KPA @38C

Vapor Density:4.5

Spec Gravity:0.80-0.85@15C

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, COLORLESS OR PALE YELLOW LI

QUID PETROLEUM
ODOR

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS SUCH AS OXYGEN, CHLORINE, BROMINE

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAMES, HOT SURFACES

Hazardous Decomposition Products: FUMES, SMOKE, CARBON MONOXIDE, CARBON
DIOXIDE, SULPHUR OXIDES

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

Waste Disposal Methods: ENSURE DISPOSAL IN COMPLIANCE WITH GOVERNMENT
REGULATIONS AND LOCAL DISPOSAL REGULATIONS. NOTIFY AUTHORITIES
IMMEDIATELY.

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