

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

Product ID:UNLEADED GASOLINE

MSDS Date:08/01/1989

FSC:9130

NIIN:01-272-0983

MSDS Number: BNBVZ

=== Responsible Party ===

Company Name:NEWFOUNDLAND DOCKYARD CORP (PROCESSING)

Address:JOBS BRIDGE XING

Box:97

City:ST. JOHNS

State:NF

Country:H5

Info Phone Num:709-463-8811 (24 HRS) FAX -8058

Emergency Phone Num:709-463-8811 (24 HRS)

CAGE:0M8E5

=== Con

tractor 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:GASOLINE

CAS:8006-61-9

RTECS #:LX3300000

Fraction by Wt: 99%

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM/500 STEL

ACGIH TLV:300 PPM/500STEL;9192

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

Routes of Entry:

Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ACUTE-INHALE:HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE EYES,NOSE,THROAT & LUNGS.MAY CAUSE HEADACHE,DIZZINESS,SUFFOCATION,ANESTHETIC & CNS EFFECTS.EYE:IRRITATING.SKIN:FREQUENT/PROLONGED CONTACT MAY IRRITATE & CAUSE RASH.ORAL:HARMFUL/FATAL.IF ASPIRATED INTO THE LUNGS,MAY CAUSE PULMONARY EDEMA.CHRONIC-BLOOD DISORDER

Explanation of Carcinogenicity:CONTAINS BENZENE. GASOLINE VAPORS CAUSED KIDNEY CANCER IN RATS AND LIVER CANCER IN MICE.

Effects of Overexposure:HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE EYES, NOSE, THROAT & LUNGS. MAY CAUSE HEADACHE, DIZZINESS, SUFFOCATION, ANESTHETIC & CNS EFFECTS. EYE IRRITATING. FREQUENT OR PROLONGED SKIN CONTACT MAY IRRITATE & CAUSE RASH. HARMFUL OR FATALIF INGESTED. IF ASPIRATED INTO THE LUNGS, MAY CAUSE PULMONARY EDEMA.

Medical Cond Aggravated by Exposure:PERSONS WITH P RE-EXISTING SKIN DISORDERS OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.SKIN:WASH WITH SOAP & WATER.EYE:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.ORAL:DO NOT IN DUCE VOMITING.GET MEDICAL ATTENTION.DO NOT GIVE LIQUID.KEEP AT REST.SMALL AMOUNTS WHICH ACCIDENTALLY ENTER THE MOUTH SHOULD BE RINSED WITH WATER UNTIL TASTE OF GASOLINE IS GONE.

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

Flash Point Method:COC
Flash Point:-40F,-40C
Autoignition Temp:Autoignition Temp Text:495F
Lower Limits:1.5
Upper Limits:7.6
Extinguishing Media:USE CARBON DIOXIDE, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.
Fire Fighting Procedures:WEAR FUL

L PROTECTIVE CLOTHING AND

NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. MATERIAL WILL
ACCUMULATE STATIC CHARGE. DISCHARGE MAY CAUSE FIRE. FORMS SMOKE,
CARBON MONOXIDE, CARBON DIOXIDE, SULFUR OXIDES.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE THE
AREA. CONTAIN THE SPILL. PICK UP LARGE
SPILL WITH NON-SPARKING TOOLS; SMALL SPILLS/RESIDUE WITH INERT
ABSORBENT MATERIAL. PLACE IN CONTAINERS. PREVENT ENTERING
WATERWAYS/SEWERS.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL,WELL-VENTILATED
AREA AWAY FROM INCOMPATIBLE MATERIALS & SOURCES OF IGNITION.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE
DANGEROUS.DO NOT PRESSURIZE,CUT,WEL
D,BRAZE,SOLDER,DRILL,GRIND OR
EXPOSE SUCH CONTAINERS TO HEAT,FLAME,SPARKS.THEY MAY EXPLODE AND
CAUSE INJURY/DEATH.AVOID REPEATED/PROLONGED SKIN CONTACT.

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

Respiratory Protection:WHERE CONCENTRATIONS IN AIR MAY EXCEED THE
OCCUPATIONAL EXPOSURE LIMITS,NIOSH-APPROVED CHEMICAL CARTRIDGE
RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IS RECOMMENDED.AT HIGHER
CONCENTRATION,WEAR AN ATMOSPHERE SUPPLIED AIRLINE BREATHING

APPARATUS

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND
IMPERVIOUS CLOTHING

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID EYE AND SKIN
CONTACT. DO NOT BREATHE VAPORS.

Supplemental Safety and Health

===== Phy

sical/Chemical Properties =====

HCC:F3

Boiling Pt:=25.C, 77.F

Melt/Freeze Pt:=-60.C, -76.F

Vapor Pres:450

Vapor Density:3 - 4

Spec Gravity:0.73 - 0.83

Solubility in Water:INSOLUBLE

Appearance and Odor:GREEN COLORED LIQUID WITH HYDROCARBON ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, PYROPHORIC MATERIALS

Stability Condition to Avoid:HEAT, SPARKS, STATIC

ELECTRICITY, HOT

SURFACES, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE, CARBON DIOXIDE AND SULFUR OXIDES

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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ormation is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.