

VICTOR EQUIPMENT CO  
0004

-- LIQUIFIED PETROLEUM GAS OR PROPANE (0916-

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MSDS Safety Information  
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FSC: 3433  
NIIN: 01-161-4998  
MSDS Date: 04/01/1998  
MSDS Num: CKNRB  
Product ID: LIQUIFIED PETROLEUM GAS OR PROPANE (0916-0004), PT-1  
MFN: 01  
Responsible Party  
Cage: 63026  
Name: VICTOR EQUIPMENT CO  
Address: AIRPORT RD  
Box: 1007  
City: DENTON TX 76202  
Info Phone Number: 940-566-2000  
Emergency Phone Number: 940-566-2000

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Item Description Information  
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Item Manager: S9G  
Item Name: TORCH PROPANE, SELF  
Unit of Issue: EA  
UI Container Qty: 44.1 OZ  
Type of Container: BOTTLE

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Ingredients  
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Cas: 74-98-6  
RTECS #: TX2275000  
Name: PROPANE  
Percent by Wt: 100.  
OSHA PEL: 1800 MG/M3;1000 PPM

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Health Hazards Data  
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LD50 LC50 Mixture: ORAL (RAT) IS UNKNOWN.  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: INHALATION: MAY CAUSE HEADACHES AND DIZZINESS. MAY CAUSE ASPHYXIATION IN HIGH CONCENTRATIONS. PROLONGED INHALATION MAY BE HARMFUL. EYE: BURNS. SKIN: NO HAZARD. INGESTION: UNLIKELY, PRODUCT IS A GAS. CHRONIC: UNKNOWN.  
Explanation Of Carcinogenicity: NONE SPECIFIED BY MANUFACTURER.  
Signs And Symptions Of Overexposure: HEADACHES, DIZZINESS, ASPHYXIATION, BURNS.  
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.  
First Aid: INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION AND/OR GIVE OXYGEN BY TRAINED PERSONNEL. SEEK MEDICAL ATTENTION. EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN CONTACT: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. INGESTION : NO EMERGENCY CARE ANTICIPATED.

## Handling and Disposal

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Spill Release Procedures: ELIMINATE ALL IGNITION SOURCES INCLUDING INTERNAL COMBUSTION ENGINES AND POWER TOOLS. VENTILATE AREA. ISOLATE HAZARD AREA. KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING. AVOID BREATHING VAPORS. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DO NOT ATTEMPT TO DISPOSE WASTE OR UNUSED MATERIAL. RETURN IN CONTAINER PROPERLY LABELED, WITH VALVE PROTECTION CAP IN PLACE TO THE SUPPLIER FOR PROPER DISPOSAL. CLASSIFICATION REQUIRED BEFORE DISPOSAL. MATERIAL IS CLASSIFIED AS IGNITABLE WITH A RCRA D001 HAZARDOUS WASTE NUMBER. FOLLOW ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.

Handling And Storage Precautions: GROUND AND BOND CONTAINERS WHEN TRANSFERRING MATERIAL. DO NOT REUSE THIS CONTAINER. "EMPTY" CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY SEALED AND PROMPTLY RETURNED TO A DRUM RECONDITIONER, OR DISPOSED OF PROPERLY.

Other Precautions: USE SPARK-PROOF TOOLS AND EXPLOSION PROOF EQUIPMENT. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC, ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. KEEP AWAY FROM HEAT, SPARKS AND FLAME. STORE IN A COOL DRY PLACE.

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## Fire and Explosion Hazard Information

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Flash Point: =-104.4C, -156.F

Autoignition Temp: =467.8C, 874.F

Lower Limits: 2.3

Upper Limits: 9.5

Extinguishing Media: DO NOT EXTINGUISH. USE WATER TO COOL CONTAINERS. INCREASE VENTILATION TO PREVENT FLAMMABLE AIR MIXTURE.

Fire Fighting Procedures: EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE. DO NOT EXTINGUISH A GAS FIRE UNLESS EFFECTIVE IMMEDIATE SHUT-OFF OF GAS FLOW IS POSSIBLE. EXPLOSIVE VAPORS COULD FORM. AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS (PRESSURE-DEMAND, MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard: FLAMMABLE GAS. CAN READILY FORM EXPLOSIVE MIXTURES AT OR ABOVE THE FLASHPOINT. FLASHBACK ALONG VAPOR TRAIL POSSIBLE.

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## Control Measures

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Respiratory Protection: A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

Ventilation: USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves: NONE SPECIFIED BY MANUFACTURER.

Eye Protection: WEAR SAFETY GLASSES WITH SIDE SHIELD (OR GOGGLES) AND A FACE SHIELD.

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: NONE SPECIFIED BY MANUFACTURER.

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## Physical/Chemical Properties

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HCC: G2

Boiling Point: =-42.2C, -44.F  
Melt/Freeze Pt: =-187.6C, -306.F  
Vapor Pres: 7600 MMHG@80C  
Vapor Density: 1.5  
Spec Gravity: 0.50  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: COLORLESS GAS WITH NO ODOR. IF ODORIZED, WILL HAVE  
ROTTEN EGG ODOR.

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: HEAT, IGNITION SOURCES.  
Materials To Avoid: OXIDIZERS.  
Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information  
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Toxicological Information: NO TOXICITY DATA DETERMINED.  
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Ecological Information  
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Ecological: NO APPLICABLE.  
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MSDS Transport Information  
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Transport Information: PSN: LIQUIFIED PETROLEUM GAS, 2.1, UN1075.  
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Regulatory Information  
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Sara Title III Information: SEC 311/312 HAZ CATEGORIES: ACUTE: IGNITEABLE AND  
SUDDEN RELEASE OF PRESSURE. SEC 313 RQ: NONE.  
CERCLA: 2,000,000 POUNDS ( RECOMMEND TO CONTACT LOCAL AUTHORITIES FOR OTHER  
REPORTING REQUIREMENTS.)  
Federal Regulatory Information: ALL COMPONENTS ARE LISTED ON THE TSCA  
INVENTORY.  
State Regulatory Information: NOT PROVIDED.

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Other Information  
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Transportation Information  
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Responsible Party Cage: 63026  
Trans ID NO: 153500  
Product ID: LIQUIFIED PETROLEUM GAS OR PROPANE (0916-0004), PT-1  
MSDS Prepared Date: 04/01/1998  
Review Date: 06/10/2000  
MFN: 1  
Net Unit Weight: 400 GRAMS  
Multiple KIT Number: 0  
Unit Of Issue: EA  
Container QTY: 44.1 OZ  
Type Of Container: BOTTLE  
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Detail DOT Information

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DOT PSN Code: LLG  
DOT Proper Shipping Name: PETROLEUM GASES, LIQUEFIED OR LIQUEFIED PETROLEUM  
GAS  
Hazard Class: 2.1  
UN ID Num: UN1075  
Label: FLAMMABLE GAS  
Packaging Exception: 306  
Non Bulk Pack: 304  
Bulk Pack: 314,315  
Max Qty Pass: FORBIDDEN  
Max Qty Cargo: 150 KG  
Vessel Stow Req: E  
Water/Ship/Other Req: 40  
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Detail IMO Information

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IMO PSN Code: LMX  
IMO Proper Shipping Name: PETROLEUM GASES, LIQUEFIED o  
IMDG Page Number: 2147  
UN Number: 1075  
UN Hazard Class: 2(2.1)  
IMO Packaging Group: -  
Subsidiary Risk Label: -  
EMS Number: 2-07  
MED First Aid Guide NUM: 311  
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Detail IATA Information

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IATA PSN Code: TJL  
IATA UN ID Num: 1075  
IATA Proper Shipping Name: PETROLEUM GASES, LIQUEFIED  
IATA UN Class: 2.1  
IATA Label: FLAMMABLE GAS  
Packing Note Passenger: FORB  
Max Quant Pass: FORB  
Max Quant Cargo: 150KG  
Packaging Note Cargo: 200  
Exceptions: A1  
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Detail AFI Information

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AFI PSN Code: TJL  
AFI Proper Shipping Name: PETROLEUM GASES, LIQUEFIED OR LIQUEFIED PETROLIUM  
GAS  
AFI Hazard Class: 2.1  
AFI UN ID NUM: UN1075  
Special Provisions: P4  
Back Pack Reference: A6.3, A6.7  
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HAZCOM Label

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Product ID: LIQUIFIED PETROLEUM GAS OR PROPANE (0916-0004), PT-1  
Cage: 63026  
Company Name: VICTOR EQUIPMENT CO  
Street: 2800 AIRPORT RD

PO Box: 1007  
City: DENTON TX  
Zipcode: 76202  
Health Emergency Phone: 940-566-2000  
Label Required IND: Y  
Date Of Label Review: 06/10/2000  
Status Code: A  
Year Procured: 2000  
Origination Code: F  
Eye Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: None  
Fire Hazard: Severe  
Reactivity Hazard: None

Hazard And Precautions: FLAMMABLE GAS! MAY CAUSE FLASH FIRE OR EXPLOSION.  
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