

SCOTT MEDICAL PRODUCTS -- PROPANE -- 6830-00-469-6540

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

Product ID:PROPANE

MSDS Date:01/13/1997

FSC:6830

NIIN:00-469-6540

MSDS Number: CDYVY

==== Responsible Party ===

Company Name:SCOTT MEDICAL PRODUCTS

Address:RT 611 N

City:PLUMSTEADVILLE

State:PA

ZIP:18949

Country:US

Info Phone Num:215-766-8861

Emergency Phone Num:215-766-8861

CAGE:3Y341

==== Contractor Identification ===

Company Name:SCOTT MEDICAL PRODUCTS,DIV OF SCOTT SPECIALTY

Address:RT 611 N

Box:City:PLUMSTEADVILLE

State:PA

ZIP:18949

Country:US

Phone:215-766-8861

CAGE:3Y341

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

Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:ASPHYXANT; 9596

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NO

T RELEVANT.

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

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

Health Hazards Acute and Chronic: TARGET ORGANS: LUNGS, SKIN AND CNS.

ACUTE- AN ASPHYXIANT GAS. MAY CAUSE DIZZINESS, HEADACHE. EXPOSURE IN A CLOSED AREA COULD LEAD TO ASPHYXIATION AND DEATH. MAY BE NARCOTIC IN HIGH CONCENTRATIONS. MAY CAUSE EYE IRRITATION, SKIN FROSTBITE. MAY CAUSE CNS EFFECTS. INGESTION NOT LIKELY. CHRONIC- UNKNOWN.

Explanation of Carcinogen

icity: NONE

Effects of Overexposure: IRRITATION, HEADACHE, DIZZINESS, DROWSINESS, UNCONSCIOUSNESS, DEATH, IRREGULAR HEARTBEATS, FROSTBITE, FATIGUE, MUSCULAR INCOORDINATION, RAPID RESPIRATION, NAUSEA, VOMITING

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

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN: KEEP AFFECTED AREA WARM AND SU

BMERGE I N LUKEWARM WATER (42C/107.6F). ORAL: NOT LIKELY TO OCCUR. PRODUCT IS A GAS. NOTE TO PHYSICIAN: FOR FROSTBITE, CONSIDER RAPID COMPLETE REWARMING AT 42C/107.6F).

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

Flash Point: -157F, -105C

Autoignition Temp: Autoignition Temp Text: 842F

Lower Limits: 2.1%

Upper Limits: 9.5%

Extinguishing Media: WATER SPRAY, CARBON DIOXIDE OR DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CYLINDERS COOL.

Fire Fighting Pr

ocedures: SAFE WAY TO EXTINGUISH FIRE IS TO STOP FLOW OF GAS. IF FLOW CANNOT BE STOPPED, LET FIRE BURN ITSELF OUT. WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: EXTREMELY FLAMMABLE. CYLINCER UNDER PRESSURE. CYLINDERS MAY EXPLODE. GAS MAY TRAVEL LONG DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

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

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF

IGNITION. VENTILATE AREA. REMOVE LEAKING CYLINDER OUTDOOR OR TO EXHAUST HOOD IF POSSIBLE. SHUT OFF SOURCE OF LEAK IF POSSIBLE OR ALLOW THE CYLINDER TO LEAK UNTIL EMPTY. DISPERSE VAPORS WITH WATER SPRAY.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE CYLINDERS SECURED, IN UPRIGHT POSITION. STORE AWAY FROM IGNITION SOURCES AND OXIDIZERS. DO NOT DROP CYLINDER. KEEP CONTAINER VALVE CLOSED.

Other Precautions:EXTREMELY FLAMMABLE. STORE AND USE WITH ADEQUATE VENTILATION. INSTALL PROTECTIVE CAPS WHEN NOT CONNECTED FOR USE. KEEP OUT OF REACH OF CHILDREN. "EMPTY" CONTAINERS RETAIN RESIDUE. DO NOT PRESSURIZE, CUT, WELD OR EXPOSE TO FLAMES OR HEAT.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR

AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

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

Protective Gloves:NEOPRENE

Eye Protection:GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC:G2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:-44F,-42C

Vapor Pres:6399 @ 70F

Vapor Density:1.55

Spec Gravity:0.501 @ 68F

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:GAS

Solubility in Water:0.065 % @ 18C/64.4F

Appearance and Odor:COLORLESS LIQUEFIED GAS - SWEET ODOR

Per

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

Stability Indicator/Materials to Avoid: YES

MIXING WITH OXYGEN OR AIR, EXCEPT AT BURNER, STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HEAT SOURCES, SPARKS, OPEN FLAMES,

BUILD-UP OF STATIC ELECTRICITY, VAPOR ACCUMULATION (POORLY VENTILATED AREAS)

Hazardous Decomposition Products: IT MAY DECOMPOSE TO CARBON MONOXIDE, CARBON DIOXIDE.

===== Disposal Considerations ==

=====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. ALLOW GAS TO VENT SLOWLY TO ATMOSPHERE (OUTDOOR) OR EXHAUST HOOD. RETURN REFILLABLE CYLINDERS IN THE SHIPPING CONTAINER PROPERLY LAB ELED, WITH ANY VALVE OR CAPS SECURED TO SUPPLIER.

Disclaimer (provided with this information by the compiling agencies):

This information 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.