

TURNER INDUSTRIES, INC. -- REFILLABLE PROPANE CYLINDER LP-4585 --
2910-00D001084

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

Product ID: REFILLABLE PROPANE CYLINDER LP-4585
MSDS Date: 01/01/1987
FSC: 2910
NIIN: 00D001084
MSDS Number: BBDVL
=== Responsible Party ===
Company Name: TURNER INDUSTRIES, INC.
Address: 821 PARK AVE
City: SYCAMORE
State: IL
ZIP: 60178-2419
Country: US
CAGE: EO078
=== Contractor Identification ===
Company Name: TURNER CO DIV OF CLEANWELD PRODUCTS CO
Address: 821 PARK AVE
Box: 6200
City: SYCAMORE
State: IL
ZIP: 60178-2419
Country: US
Phone: 815-895-4545
CAGE: 61112
Company Name: TURNER INDUSTRIES, INC.
Address: 821 PARK AVE
Box: City: SYCAMORE
State: IL
ZIP: 60178-2419
Country: US
CAGE: EO078

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

Ingred Name: PROPANE
CAS: 74-98-6
RTECS #: TX2275000
Fraction by Wt: 93.4%
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN; 9192

Ingred Name: ETHANE
CAS: 74-84-0
RTECS #: KH3800000
Fraction by Wt: 5.6%
ACGIH TLV: ASPHYXIAN 9192

Ingred Name: ISOBUTANE, CAS#75-28-5
CAS: 75-28-5
RTECS #: TZ4300000
Fraction by Wt: 0.72%

Ingred Name: BUTANE

CAS:106-97-8
RTECS #:EJ4200000
Fraction by Wt: 0.28%
OSHA PEL:800 PPM
ACGIH TLV:800 PPM; 9192

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

Effects of Overexposure:SIMPLE ASPHYXIAN AND HAS ANESTHETIC ACTION IN
HIGH CONCENTRATIONS.FREEZE BURNS IF LIQ.TOUCHES SKIN

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

First Aid:REMOVE TO FRESH AIR.KEEP PATIENT WARM.ADMINISTER OXYGEN IF
PATIENT IS INTOXICATED.CAUTION OF FIRE HAZARD IN LUNGS
ADVISED.TREAT BURNS AS USUAL-SYMPTOMATIC AND SUPPORTIVE.

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

Flash Point:-156F,-104C,CC
Autoignition Temp:Autoignition Temp Text:920F
Lower Limits:2.4
Upper Limits:9.5
Extinguishing Media:CO*2, FOAM, DRY CHEM.
Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD
BRTHG APP.
Unusual Fire/Explosion Hazard:HIGHLY FLAMMABLE-HEAVY GAS

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

Spill Release Procedures:EXTINGUISH ALL FIRES,ELIMINATE SPARKING
EQUIPMENT,VENTILATE WELL

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

Handling and Storage Precautions:STORE IN AREA DESIGNED FOR GAS
CYLINDERS. PROTECT VALVE AGAINST PHYSICAL DAMAGE. AVOID ACUTE FIRE
HAZ.EMPTY CONTAINERS MAY BE HAZARDOUS.
Other Precautions:STORE BELOW 125F.

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

Respiratory Protection:CHEMICAL CARTRIDGE OR AIR LINE
Ventilation:LOCAL EXHAUST TO AVOID EXPLOSIVE MIXTURES
Protective Gloves:THICK WORK GLOV
Eye Protection:CHEMICAL GOGGLES
Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.
Supplemental Safety and Health
MSDS UNDATED/V.P.=5516MM HG @ 60F/

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

HCC:G2
Boiling Pt:B.P. Text:-43F,-42C
Vapor Pres:SUP
Vapor Density:1.52
Spec Gravity:0.51

Solubility in Water:6.5%

Appearance and Odor:CLEAR, ODORLESS (ADDITIVE-MERCAPTAN-STRONG-PUNGENT)

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

CHLORINE OR HIGHLY OXIDIZING AGENTS

Stability Condition to Avoid:GAS FLAMES, SPARKS, IGNITION SOURCES

Hazardous Decomposition Products:CO, VARIOUS ALDEHYDES

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

Waste Disposal Methods:ALLOW SPILLS TO EVAPORATE WITH ADEQUATE
VENTILATION. BURN UNDER CONTROLLED CONDITIONS USING PRESSURE
REGULATOR OR CONTROL VALVE.

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