

SUBURBAN PROPANE GAS CORP -- COMMERCIAL PROPANE -- 6830-00-261-7447

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Product Identification
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Product ID:COMMERCIAL PROPANE

MSDS Date:07/01/1993

FSC:6830

NIIN:00-261-7447

MSDS Number: CCLPZ

=== Responsible Party ===

Company Name:SUBURBAN PROPANE GAS CORP

Address:240 STATE HWY NO 10

Box:206

City:WHIPPANY

State:NJ

ZIP:07981-2105

Country:US

Info Phone Num:201-887-5300

Emergency Phone Num:20

1-887-5300

Preparer's Name:REGULATORY DEPT

CAGE:52413

=== Contractor Identification ===

Company Name:SUBURBAN PROPANE GAS CORP

Address:240 STATE HWY NO 10

Box:206

City:WHIPPANY

State:NJ

ZIP:07981-2105

Country:US

Phone:201-887-5300

CAGE:52413

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Composition/Information on Ingredients
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Ingred Name:ETHANE

CAS:74-84-0

RTECS #:KH3800000

Fraction by Wt: 0-5.0%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:PROPANE, 87.5-100%.

CAS:74-98-6

RTECS #:T

X2275000
Fraction by Wt: SEE ING
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:PROPYLENE (PROPENE) (SARA 313)
CAS:115-07-1
RTECS #:UC6740000
Fraction by Wt: 0-5.0%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:BUTANES, CAS# VARIES.
CAS:106-97-8
RTECS #:EJ4200000
Fraction by Wt: 0-2.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:800 PPM
ACGIH TLV:800 PPM; 9596

Ingred Name:ETHYL MERCAPTAN
CAS:75-08-1
RTECS #:KI9625000
Fracti
on by Wt: 0-50%PPM
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 10 PPM
ACGIH TLV:0.5 PPM; 9596

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:ASPHYXIAN DUE TO DILUTION OF
AVAILABLE OXY.EXCESSIVE VAP CONT ANESTHETIC,ASPHYXIATING
PROPERTIES,MAY CAUSE SLEEPINESS.>100000PP
M MILDLY RESP TRACT
IRRIT,EXCESSIVE SALIVATION,DISORIENTATION,VOMI T,EXCITATION.EXTREME
CASES CONVULSIONS,UNCONSC,DEATH MAY OCCUR FROM
ASPHYXIATION.INGEST/EYE/SKIN:FREEZE BURN(SIGNS/SYPM)
Explanation of Carcinogenicity:PER MSDS:PRODUCT NOT LISTED BY
IARC/NTP/OSHA AS POTENTIAL CARCINOGEN.
Effects of Overexposure:HEALTH:SIMILAR TO FROSTBITE.INGEST NOT EXPECTED
TO OCCUR IN NORMAL USE.PROPANE/SOME OF MINOR COMPONENTS HAVE BEEN
REPORTED TO BE CARDIAC SENSITIZERS IN EXPERIMENTS

Medical Cond Aggravated by Exposure: PERSONS W/CHRONIC RESPIRATORY DISEASE SHOULD AVOID EXPOSURE.

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

First Aid: INHAL: REMOVE FROM FURTHER EXPO & INTO FRESH AIR. BREATH DIFFI PROVIDE OXY. UNCONSC GET PROMPT MED ATTN. INGEST: GET IMMED MED ATTN. EYE: FLUSH IMMED W/WATER. OBTAIN IMMED MED ATTN. SKIN: BREEZE BURN OCCURS REM OVE CONTAMIN CLOTH/SHOES/JEWELRY. IMMERSE BURNED AREA IN WARM(NOT HOT)WATER. KEEP IMMERSED. GET PROMPT ATTN.

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

Flash Point: -156F, -104C
Autoignition Temp: Autoignition Temp Text: 920F
Lower Limits: 2.2
Upper Limits: 9.6
Extinguishing Media: NONE SPECIFIED BY MANUFACTURER.
Fire Fighting Procedures: NOTIFY FIRE DEPT. ONLY TRAINED PROPERLY PROT PERSONNEL IN AREA. ALLOW FIRE TO BURN OUT W/HI VOL WATER SUPPLY TO COOL FIRE-EXPO CNTNRS/EPQMT. USE EXTREMEN CAUT(SUP)
Unusual Fire/Explosion Hazard: UNCONTROLLED VAP SPREAD REAPIDLY ARE H EAVIER THAN AIR & EXTREMELY FLAMM. APPROPACH FLAM ENVELOPED CNTNR FROM SIDE NEVER HEAD ENDS.

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

Spill Release Procedures: EXTREMELY FLAMM. VAP HEAVIER THAN AIR-COLLECT @LOW LEVELS. ELIMINATE ALL IGN SOURCES; NO SMOKING/DON'T USE PHONE/DON'T TURN ELECT SWETCHES ON/OFF. EVACUATE AREA. REMOVE LEAK CNTNR/STOP LEAK W/O RISK. DILUTE VAP CONC W/WATERSPRAY.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: STORE IN AUTHORIZED LOCATION, PREFER OUTSIDE DETACHED STORAGE. ISOLATE FROM INCOMP/COMBUST/HEAT/IGN SOURCES. DON'T DROP/ABUSE CYL. KEEP VALV CLSD/SECURE.
Other Precautions: ODOR: ODORANT ADDED TO AID IN LEAK DETECTION. ETHYL MERCAPTAN COMMON ODORANT-FOUL, SKUNK ODOR. EFFECTIVE BUT NOT EVERYONE CAN SMELL IT, ABILITY VARIES WIDELY. CERTAIN CHEM RX W/MATL IN PROPANE SYS CAN REDUC E PROPANE ODOR LEVEL. IF SO CA

LL SUPPLIER

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

Respiratory Protection: CONCENTRATION HIGH ENOUGH TO WARRANT SUPPLIED-AIR/SCBA
STM MAY BE FLAMMABLE. APPROPRIATE PRECAUTIONS MUST BE TAKEN REGARDING
FLAMMABILITY-WHERE SAFETY ADDRESSES/CNTRL MEASURE NOT
FEASIBLE/SUFFICIENT FULL CONFORMANCE W/ACCEPTABLE CRITERIA NIOSH/MSHA
APPROVED(SUP)

Ventilation: USE LOCAL & DILUTION VENTILATION TO MAINTAIN EXPOSURES
BELOW ACCEPTABLE CRITERIA.

Protective Gloves: GLOVES IMPERVIOUS TO
PRODUCT.

Eye Protection: CHEM SAFETY GOGGLES (ANSI Z87.1).

Other Protective Equipment: SPECTACLE TYPE SAFETY GLASSES DO NOT PROVIDE
SATISFACTORY PROTECTION. PROTECTIVE CLOTHING IMPERVIOUS TO PRODUCT.

Work Hygienic Practices: STORE CYLINDER UPRIGHT/PRESSURE RELIEF VALVES IN VENTILATED
SPACE. EMPTY CONTAINER RETAIN SOME RESIDUE-TREAT AS FULL.

Supplemental Safety and Health

FIREFIGHT: WHEN APPLYING WATER, WATCH FOR UNCONTROLLABLE FIRE/FLAME
IMPINGING ON CONTAINER. WEAR SCBA IN POSITIVE PRESSURE MODE W/FULL FACEPIECE.

RESPIRATORY: RESPIRATORY PROTECTION TO BE USED

RESPIRATORY SELECTED BASED ON FORM/CONCENTRATION OF
CONTAMINANT/IN ACCORDANCE WITH 29CFR1910.134.

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

HCC: G2

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

Melt/Freeze Pt: M.P/F.P Text: NA

Decomp Temp: Decomp Text: NP

Vapor Pres: 196 PSIG

Vapor Density: 1.50

Spec Gravity: 0.504

pH: NP

Viscosity: NP

Evaporation Rate & Reference: NP

Solubility in Water: SLIGHT, 0.1-1.0%.

Appearance and Odor: COLORLESS, ODORLESS IN NATURAL FORM. (SEE OTHER
PRECAUTIONS)

Percent Volatiles by

Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:KEEP AWAY FROM HIGH HEAT, SPARKS, OPEN
FLAME, STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION MAY YIELD CARBON
MONOXIDE, A TOXIC GAS.

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

Waste Disposal Methods:DISPO OF GAS IAW APPLICABLE LAWS/REGS.VEN
T VAP

IN SAFE LOCATION/INSURE GAS DISSIPATES BELOW LOWER FLAMM
LIMITS.CONTROLLED BURNING PREFERRED.CONTANS PROD SUBJ TO REPORTING
REQMTS.DISPO BY INCINERATION/ FLARING-REFER TO AS IGN HAZ WASTE
D001.

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