

ARCO OIL & GAS CO; DIVISION OF ATLANTIC RICHFIELD -- PROPANE -- 6830-00-261-7445

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

Product ID:PROPANE

MSDS Date:03/01/1989

FSC:6830

NIIN:00-261-7445

MSDS Number: BWPYC

=== Responsible Party ===

Company Name:ARCO OIL & GAS CO; DIVISION OF ATLANTIC RICHFIELD

Address:1601 BRYAN ST

City:DALLAS

State:TX

ZIP:75201

Country:US

Info Phone Num:214-880-4698

Emergency Phone Nu

m:214-880-4698/800-424-9300(CHEMTREC)

CAGE:9B771

=== Contractor Identification ===

Company Name:ARCO NATURAL GAS MARKETING INC., SUBS OF ATLANTIC
RICHFIELD

Address:1601 BRYAN ST

Box:City:DALLAS

State:TX

ZIP:75201

Country:US

Phone:214-880-4698

CAGE:9B771

Company Name:COAST GAS (805-323-5941)

Box:UNKNOWN

CAGE:NO738

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

Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 80-95%

Other REC Limits:NONE RECOMMENDED

OSHA

PEL:1000 PPM
ACGIH TLV:1000 PPM

Ingred Name:ISO-BUTANE
CAS:106-97-8
RTECS #:EJ4200000
Fraction by Wt: 1.0-2.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:800 PPM
ACGIH TLV:800 PPM

Ingred Name:ETHANE
CAS:74-84-0
RTECS #:KH3800000
Fraction by Wt: 0.5-1.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPYLENE (SARA 313)
CAS:115-07-1
RTECS #:UC6740000
Fraction by Wt: 3.0-3.5%
Other REC Limits:NONE RECOMMENDED

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

Flash Point:-1
60F,-107C
Autoignition Temp:Autoignition Temp Text:840 F
Lower Limits:2.0
Upper Limits:9.5
Extinguishing Media:HALOGENATED EXTINGUISHING AGENT
Fire Fighting Procedures:DON'T EXTINGUISH UNLESS GAS FLOW STOPPED
IMMED. STOP GAS AT SOURCE & ALLOW FIRE TO BURN OUT. IF CAN'T BE
SHUT OFF IMMED, EQUIP & COOL SRFCs W/WATER (PREVENT *)
Unusual Fire/Explosion Hazard:* OVER HEATING, FLASHBACK, EXPLOSIONS)
CONTROL FIRE UNTIL GAS SHUT OFF. FIREMEN MUST USE PROPER PROTECTIVE
EQUIPMENT INCLUDING
RESPIRATORY APPARATUS.

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

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:-45F,-43C
Melt/Freeze Pt:M.P/F.P Text:-305F,-187C
Vapor Pres:190.0-205
Spec Gravity:0.52 (H2O=1)
Solubility in Water:MODERATE
Appearance and Odor:COLORLESS LIQUID/INVISIBLE VAPOR; DISTINCTIVE ODOR
DUE TO ADDED ETHYL MERCAPTAN
Percent Volatiles by Volume:COMPLT

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Stability and Reactivity Data =====

STRONG ACIDS, ALKALIES, AND OXIDIZERS SUCH AS CHLORINE (GAS OR LIQUID) AND OXYGEN.

Stability Condition to Avoid:HEAT, SPARKS, AND OPEN FLAMES.

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