

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:UNKNOW

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 (H<sub>2</sub>O=1)

Solubility in Water:MODERATE

Appearance and Odor:COLORLESS LIQUID/INVISIBLE VAPOR; DISTINCTIVE ODOR

DUE TO ADDED ETHYL MERCAPTAN

Percent Volatiles by Volume:COMPLT

#### =====

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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