

TEXACO INC -- 60001 PROPANE -- 6830-00-261-7445

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

Product ID:60001 PROPANE

MSDS Date:06/28/1988

FSC:6830

NIIN:00-261-7445

MSDS Number: BJKXB

=== Responsible Party ===

Company Name:TEXACO INC

Box:509

City:BEACON

State:NY

ZIP:12508-0509

Country:US

Info Phone Num:914-831-3400 EXT 204

Emergency Phone Num:409-722-8381 OR 800-424-9300 CHEMT

Preparer's Name:F. E. BENTLEY

CAGE:7B131

=== Contractor Identification ===

Company Name:TEXACO  
INC

Box:509

City:BEACON

State:NY

ZIP:12508-0509

Country:US

Phone:914-831-3400

CAGE:7B131

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

Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:ASPHYXIAN; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Haz

ards Acute and Chronic:ACUTE: OVEREXPOSURE MAY LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION, LEADING TO IRRITATION, HEADACHE, NAUSEA, DIZZINESS, FATIGUE, CONFUSION AND UNCONSCIOUSNESS. EYES/SKIN: IRRITATION - LIQUID CAUSES FRO STBITE BURNS. INGESTION: MAY LEAD TO VOMITING. CHRONIC: NONE KNOWN. GAS CAN ACT AS AN ASPHYXIANT.

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY IRRITATION, NAUSEA, FATIGUE, DIZZINESS, HEADACHES, UNCONSCIOUSNESS, AND EYE IRRITATION. LIQUID CAN ACT AS A CRYOGENIC AND CAUSE FROSTBITE BURNS.

Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point:-156F,-104C  
Lower Limits:2.37  
Upper Limits:9.5  
Extinguishing Media:STOP FLOW OF GAS AND USE WATER TO COOL

CONTAINERS.ALLOW FIRE TO BURN OUT.USE CARBON DIOXIDE/ DRY CHEMICAL FOR SMALL FIRE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. EXPLOSIVE AIR-VAPOR MIXTURES CAN EASILY FORM.

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

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Spill Release Procedures:SHUT DOWN TRANSFER OPERATION AND STOP LEAK IF POSSIBLE. ELIMINATE SOURCES OF IGNITION. KEEP AWAY UPWIND AND WARN PEOPLE DOWNWIND OF POSSIBLE EXPLOSION. WEAR SCBA.

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

Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA. KEEP CONTAINERS CLOSED WHEN NOT IN USE. COMBUSTIBLE LIQUID; EMPTY CONTAINERS CAN BE HAZARDOUS.

Other Precautions:THE SELECTION OF PERSONAL PROTECTIVE EQUIPMENT SHOULD BE MADE BY THE MATERIAL USER BASED ON THE PARTICULAR CONDITIONS WHERE THE MATERIAL IS TO BE USED TOGETHER WITH INFORMATION CONTAINED IN THIS MSDS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.

Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:USE INSULATED WORK GLOVES

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

LIQUID AND LIQUID COOLED EQUIPMENT CAN CAUSE FROSTBITE BURNS. VAPOR REDUCES AVAILABLE OXYGEN FOR BREATHING. USE ONLY IN WELL VENTILLATED ARE

A.

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

HCC:G2

Boiling Pt:B.P. Text:-40F,-40C

Vapor Pres:10 @27

Vapor Density:1.55 AIR=1

Spec Gravity:0.5077

Solubility in Water:APPRECIABLE

Appearance and Odor:ODORLESS,COLORLESS GAS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON M

ONOXIDE, CARBON DIOXIDE AND  
OTHER HYDROCARBONS COMPOUNDS DURING COMBUSTION.

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

Waste Disposal Methods:DISPOSAL OF RAW MATERIAL AND POSSIBLY CLEAN-UP  
MATERIAL WOULD BE AS A HAZARDOUS WASTE (EPA CODE D001).

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