

PROPANE

MSDS Number

BNBQY

National Stock Number

6830-00-261-7445

Product Name

PROPANE

Manufacturer

MOBIL OIL CORP ENVIRONMENTAL TOXICOLOGY DEPT

Product Identification

Product ID:PROPANE

MSDS Date:09/20/1987

FSC:6830

NIIN:00-261-7445

MSDS Number: BNBQY

Responsible Party

MOBIL OIL CORP. ENVIRONMENTAL/TOXICOLOGY DEPT.

PENNINGTON-ROCKY HILL ROAD

PENNINGTON , NJ 08534

US

Emergency Phone: 212-883-4411 OR 800-424-9300

Info Phone: 212-883-4411

Cage: 3U278

Contractor

MOBIL OIL CORP.

FAIRFAX, VA 22037

US

1-800-662-4525

Cage: 3U278

Ingredients

PROPANE

CAS: 74-98-6

RTECS: TX2275000

Fraction By Weight: 92%

OSHA PEL1000 PPM

ACGIH TLV: ASPHYXIAN; 9192

PROPYLENE (PROPENE) (SARA III)

CAS: 115-07-1

RTECS: UC6740000

Fraction By Weight:

ACGIH TLV: ASPHIXIANT; 9192

BUTANE

CAS: 106-97-8

RTECS: EJ4200000

Fraction By Weight: 3%

OSHA PEL800 PPM

ACGIH TLV: 800 PPM; 9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CAN CAUSE REASPIRATORY IRRITATION AND
CNS EFFECTS LIKE HEADACHE,DIZZINESS,NAUSEA AND VOMITING
UNCONSCIOUSNESS OR DEATH. CONTACT WITH LIQUID MAY CAUSE FREEZE
BURNS (FROSTBITE).
Explanation of Carcinogenicity:DATA PER MSDS
Effects of Overexposure:SEE HEALTH HAZARDS DATA
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY
SUPPLIER

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN. SKIN:(LIQUID) SOAKIN WARM WATER FOR
30-60 MIN. GET MEDICAL ATTENTION. INHALED:REMOVE FROM FURTHER
EXPOSURE. IF BREATHING HAS STOPPED. USE A POSITIVE PRESSURE
RESUSCITATOR. SE EK IMMEDIATE MEDICAL ATTENTION. INGESTED:NOT
EXPECTED TO OCCUR IN NORMAL INDUXTRIAL USE.

Fire Fighting

Flash Point Method:PMCC
Flash Point:-156F,-104C
Lower Limits:2.0
Upper Limits:9.5
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:EXTREEMLY FLAMMABLE. VAPOR ACCUMULATION
MAY FLASH OR EXPLODE IF IN CONTACT WITH OPEN FLAME.

Accidental Release

Spill Release Procedures:REPORT SPILLS AS REQUIRED TO APPROPRIATE
AUTHORITIES. EVACUATE AREA AND ELIMINATE SOURCES OF IGNITION. SHUT
OFF SOURCE IF POSSIBLE. VENTILATE THE AREA. EVAPORATE TO ATMOSPHERE
AND USE WATER SPRAY TO D ILUTE VAPOR CLOUD.
Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:CAUSES EYE AND SKIN BURNS. STORE AWAY
FROM IGNITION SOURCES IN A COOL, DRY, WELL VENTILATED AREA EQUIPPED
WITH AUTOMATIC SPRINKLERS.
Other Precautions:OUTSIDE OR DETACHED STORAGE PREFERRED. GROUND
SSTOROAGE CONTAINERS.

Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR SCBA IF EXPSURE IS
ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING
TO RESPIRATOR USE.
Ventilation:VENTILATION REQUIRED. USE EXPLOSION PROOF EQUIPMENT.
Protective Gloves:NOT NORMALLY REQUIRED
Eye Protection:SPLASH GOGGLES IF LIQUID MAY SPLASH
Other Protective Equipment:IF HANDLING LIQUID, USE THERMALLY PROTECTIVE
CLOTHING ESPECIALLY GLOVES TO PROTECT FROM FROSTBITE IF LIQUID
CONTACTS SKN

Work Hygienic Practices: AVOID PERSONAL CONTACT. ISE OM WO;; VEMTO; STED
AREA AWAY FROM IGNITION SOURCES. GROUND TRANSFER EQUIPMENT.
Supplemental Safety and Health
MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.

Chemical Properties

HCC: G2
Boiling Pt: B.P. Text: -44F, -42C
Melt/Freeze Pt: M.P/F.P Text: -305F, -187C
Vapor Pres: 1000 MM
Vapor Density: 1.5
Spec Gravity: 0.508
Solubility in Water: NEGLIGIBLE
Appearance and Odor: COLORLESS LIQUEFIED GAS, MILD ODOR
Percent Volatiles by Volume: 100.0

Stability

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS, OXYGEN
Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION
Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON.

Disposal

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL
REGULATIONS. MANUFACTURER SUGGESTS THAT DISPOSAL MAY BE DONE BY
INCINERATION.

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