

PROPANE

MSDS Number

BKBBZ

National Stock Number

6830-00-261-7447

Product Name

PROPANE

Manufacturer

MAPCO GAS PRODUCTS INC THERMOGAS CO OF STEVENS PT

Product Identification

Product ID:PROPANE
MSDS Date:03/10/1989
FSC:6830
NIIN:00-261-7447
MSDS Number: BKBBZ

Responsible Party

MAPCO GAS PRODUCTS,INC. THERMOGAS CO OF STEVENS PT
EAST WAYNE ST
STEVENS POINT , WI 54481
US

Emergency Phone: 800-447-8735HEALTH/800-424-9300SPIL

Info Phone: 715-344-4379

Preparer: R. G. FARMER

Cage: MAPCO

Contractor

MAPCO GAS PRODUCTS, INC.
103
STEVENS POINT, IL 60601-6401
US

715-344-4379

Cage: MAPCO

Ingredients

PROPANE
CAS: 74-98-6
RTECS: TX2275000
OSHA PEL1000 PPM
ACGIH TLV: ASPHYXIAN; 9192

Hazards

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE, SKIN, INGESTION: LIQUID CAN CAUSE
BURNS SIMILAR TO FROSTBITE. INHALATION: ASPHYXIAN IN HIGH
CONCENTRATIONS.
Effects of Overexposure:SYMPTOMS OF LACK OF OXYGEN INCLUDE INCREASED
DEPTH AND FREQUENCY OF BREATHING, AIR HUNGER, DIZZINESS, HEADACHE,
NAUSEA OR LOSS OF CONSCIOUSNESS.

First Aid

First Aid:EYE CONTACT W/LIQUID: IMMEDIATELY FLUSH EYES W/PLENTY OF WATER FOR AT LEAST 15 MIN, GET IMMEDIATE MEDICAL AID. SKIN CONTACT W/LIQUID: IMMEDIATELY FLUSH W/PLENTY TEPID WATER (105-115F). DO NOT USE HOT WATER. GET PROMPT MEDICAL AID. INHALE: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING, OXYGEN IF DIFFICULT BREATHING. GET IMMEDIATE MEDICAL AID. INGEST: GET IMMEDIATE MEDICAL AID.

Fire Fighting

Flash Point Method:CC
Flash Point:-156F,-104C
Autoignition Temp:Autoignition Temp Text:842F
Lower Limits:2.1
Upper Limits:9.5
Extinguishing Media:STOP FLOW OF GAS IF POSSIBLE; IF NOT, ALLOW TO BURN. DO NOT DIRECT WATER INTO LIQUID SPILL. DRY CHEMICAL CAN BE USED.
Fire Fighting Procedures:SHUT OFF SOURCE BEFORE EXTING FIRE. KEEP AWAY FROM IGNITIONS SOURCES-HEAT, SPARKS & OPEN FLAMES. USE W/ADEQUATE VENTILATION.GROUND & BOND ALL LINES & EQUIPMENT.
Unusual Fire/Explosion Hazard:PRODUCT GIVES OFF VAPORS THAT ARE HEAVIER THAN AIR WHICH CAN TRAVEL GREAT DISTANCES TO A SOURCE OF IGNITION & FLASHBACK. EXTREMELY FLAMMABLE VAPOR/MIXTURES FORM

Accidental Release

Spill Release Procedures:REMOVE OR SHUT OFF ALL SOURCES OF IGNITION. INCREASE VENTILATION, IF POSSIBLE. WATER SPRAY CAN BE USED TO ABSORB VAPORS. ISOLATE AREA.

Handling

Handling and Storage Precautions:STORE AWAY FROM IGINTION SOURCES. KEEP CONTAINERS CLOSED. OUTSIDE STORAGE IS RECOMMENDED. DO NOT STORE IN AREAS CONTAINING FLAMM/COMBUSTIBLE PRODUCTS.

Exposure Controls

Respiratory Protection:USE SUPPLIED-AIR RESPIRATOR APPROVED BY NIOSH/MSHA.
Ventilation:USE WITH ADEQUATE VENTILATION.
Protective Gloves:WEAR GLOVES TO PREVENT SKIN CONTACT.
Eye Protection:WEAR CHEMICAL GOGGLES.
Other Protective Equipment:WEAR IMPERVIOUS CLOTHING AND FACESHIELD TO PREVENT CONTACT.
Supplemental Safety and Health

Chemical Properties

HCC:G2
Boiling Pt:B.P. Text:-44F,-42C
Melt/Freeze Pt:M.P/F.P Text:-306F,-188C
Vapor Pres:132
Vapor Density:1.56 @ 32F
Spec Gravity:0.51 @ 60F
Solubility in Water:SLIGHT, 0.1 TO 1.0%
Appearance and Odor:COLORLESS GAS, NATURAL GAS ODOR

Stability

AVOID STRONG OXIDIZERS.
Stability Condition to Avoid:BURNING CAN BE STARTED EASILY.

Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. VENT VAPOR AT A SAFE LOCATION. INSURE DISSIPATION OF GAS BELOW THE LOWER EXPLOSIVE LIMIT. CONSULT LOCAL ORDINANCES FOR COMPLIANCE.

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