

## **P-10 GAS MIXTURE, MGI16865**

### **MSDS Number**

BMQND

### **National Stock Number**

6830-01-150-0364

### **Product Name**

P-10 GAS MIXTURE, MGI16865

### **Manufacturer**

MG INDUSTRIES

### **Product Identification**

Product ID:P-10 GAS MIXTURE, MGI16865

MSDS Date:10/09/1990

FSC:6830

NIIN:01-150-0364

MSDS Number: BMQND

### **Responsible Party**

MG INDUSTRIES

2460 BOULEVARD OF THE GENERALS

VALLEY FORGE , PA 19482

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 215-630-5400

Cage: 08772

### **Contractor**

MG INDUSTRIES

MALVERN, PA 19355-1424

US

610-695-7400 / 610-695-7449

Cage: 08772

### **Ingredients**

ARGON

CAS: 7440-37-1

RTECS: CF2300000

Fraction By Weight: 90%

ACGIH TLV: ASPHYXIA NT

METHANE

CAS: 74-82-8

RTECS: PA1490000

Fraction By Weight: 10%

ACGIH TLV: ASPHYXIA NT

VENTING SAFETY DEVICE/ANY DISCOLORATION OF TANK

RTECS: 9999999ZZ

LEAVING A FLAMM RESIDUE. ISOLATE FOR 1/2 MILE IN ALL

RTECS: 9999999ZZ

MAY BECOME HARD & WHITE & DEVELOP BLISTERS.

RTECS: 9999999ZZ

FROSTBITE DAMAGE TO LIPS, MOUTH & MUCOUS MEMBRANES

RTECS: 9999999ZZ

TO FUEL GAS, CONTNG 85% METHANE. RESULTANT

RTECS: 9999999ZZ

NITROGEN TRIFLUORIDE, OXYGEN, OXYGEN

RTECS: 9999999ZZ

COMPRESSED GAS OCCURS. WASH W/LRG AMTS OF

RTECS: 9999999ZZ

ATTN IMMEDIATE. IF ADVERSE EFFECTS OCCUR, TREAT

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:INHAL:SYMP OF ASPHYXIA DEPENDS ON RAPIDITY W/WHICH O<sub>2</sub> DEFICIENCY DEVELOPS & HOW LONG IT CONTINUES. IN SUDDEN ACUTE ASPHYXIA, UNCON MAY BE IMMEDIATE. W/SLOW DEVELOPMENT THERE MAY BE RAPID RESP & PULSE, AIR HUNGER, DIZZ, REDUCED AWARENESS, TIGHTNESS IN HEAD, TINGLING SENS, INCOORD, FAULTY JUDGEMENT. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: EMOTIONAL INSTABILITY & RAPID FATIGUE. AS THE ASPHYXIA PROGRESSES, NAUSEA, VOMIT, COLLAPSE, UNCON, CONVUL, DEEP COMA & DEATH ARE POSSIBLE. SKIN/EYE: NO ADVERSE EFTS HAVE BEEN REPORTED FROM GAS. DUE TO RAPID EVAP, LIQ MAY CAUSE FROSTBITE W/REDNESS, TINGLING & PAIN/NUMBNESS. IN MORE SEVERE CASES, SKIN (ING 5)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INHAL:MOVE TO FRESH AIR IMMEDIATE. IF BRTHG HAS STOPPED, GIVE ARTF RESP. MAINTAIN AIRWAY & BLOOD PRESS & GIVE O<sub>2</sub> IF AVAIL. KEEP AFFECTED PERSON WARM & @ REST. TREAT SYMPTOMATICALLY & SUPPORTIVELY. GET MED ATTN. SKIN:REMOVE CONTAM CLTHG & SHOES IMMEDIATE. WASH AFFECTED AREA W/SOAP/MILD DETERGENT & LRG AMTS OF H<sub>2</sub>O UNTIL NO EVIDENCE OF CHEM REMAINS. GET MED ATTN IMMEDIATE. EYE: IF CNTCT W/LIQUIFIED OR (ING 9)

## Fire Fighting

Extinguishing Media: DRY CHEM/CO\*2. LRG FIRES: H\*2O SPRAY, FOG/REGULAR FOAM. COOL CYLINDERS W/FLOODING AMTS OF H\*2O FROM AS FAR A (SUPP DATA)

Fire Fighting Procedures: NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . MOVE CNTNR FROM FIRE IF CAN BE DONE W/OUT RISK. APPLY COOLING H\*2O TO SIDES OF CNTNRS THAT ARE EXPOS(SUPP DATA)

Unusual Fire/Explosion Hazard: SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

## Accidental Release

Spill Release Procedures: STOP LEAK IF YOU CAN DO IT WITHOUT RISK. KEEP UNNECESSARY PEOPLE AWAY; ISOLATE HAZRD AREA AND DENY ENTRY. STAY UPWIND; KEEP OUT OF LOW AREAS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions: OBSERVE ALL FED, STATE & LOC REGS WHEN STORING/DISPOSING OF THIS SUBSTANCE. FOR ASSISTANCE, CNTCT THE DISTRICT DIRECTOR OF THE ENVIRON PROT AGENCY.

Other Precautions: STORE IN ACCORDANCE WITH 29 CFR 1910.101. STORE AWAY FROM INCOMPATIBLE SUBSTANCES. DO NOT PERMIT PHYS DMG/OVERHEAT OF CNTNRS. CONTENTS UNDER PRESSURE, CONTAINERS MAY VIOLENTLY RUPTURE & TRAVEL LONG DI STANCE.

## Exposure Controls

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . REFER TO ORIGINAL MSDS FOR MORE EXACTING INFORMATION .

Ventilation: PROVIDE GENERAL DILUTION VENTILATION.

Protective Gloves: IMPERVIOUS GLOVES .

Eye Protection: CHEMICAL WORKERS GOGGLES .

Other Protective Equipment: PROTECTIVE CLOTHING NOT REQUIRED. AVOID REPEATED OR PROLONGED CONTACT WITH THIS SUBSTANCE.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXTING MEDIA: DISTANCE AS POSSIBLE. DO NOT USE H\*2O DIRECTLY ON MATL.

USE H\*2O SPRAY TO ABORB VAPS. AVOID BRTHG VAPS; KEEP UPWIND.

CONSIDER EVAC OF DOWNWIND AREA IF MATL IS LEAKING. FIRE FIGHT PROC:

T O FLAMES UNTIL WELL AFTER FIRE IS OUT. STAY AWAY FROM ENDS OF

TANKS. WITHDRAW IMMED IN CASE OF RISING SOUND FROM(ING 3)

## Chemical Properties

Spec Gravity: 1.25 @ 21C

Solubility in Water: SLIGHTLY SOLUBLE

Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

## Stability

Stability Indicator/Materials to Avoid: YES

BROMINE, CHLORINE, CHLORINE DIOXIDE, DIOXYGEN DIFLUORIDE, DIOXYGENYL TETRAFLUOROBORATE, FLUORINE, INTERHALOGENS,(ING 8)

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY RELEASE TOXIC AND/OR HAZARDOUS GASES.

## Disposal

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS .

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