

MG INDUSTRIES -- ARGON; STCC 4904502; UN 1006; AR; MG101860 -- 6830-00-782-2637

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 ===== Product Identification =====
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Product ID: ARGON; STCC 4904502; UN 1006; AR; MG101860
 MSDS Date: 06/30/1994
 FSC: 6830
 NIIN: 00-782-2637
 MSDS Number: BWZHF
 === Responsible Party ===
 Company Name: MG INDUSTRIES
 Address: 3 GREAT VALLEY PARKWAY
 Box: 945
 City: MALVERN
 State: PA
 ZIP: 19355
 Country: US
 Info Phone Num: 610-695-7400/FAX: 610-695-7596
 Emergency Phone Num: 610-695-7400/FAX: 610-695-7596
 CAGE: 08772

==== Contractor Identification ====

Company Name: MG INDUSTRIES
 Address: 3 GREAT VALLEY PKY
 Box: City: MALVERN
 State: PA
 ZIP: 19355-1424
 Country: US
 Phone: 610-695-7400 / 610-695-7449
 CAGE: 08772

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 ===== Composition/Information on Ingredients =====
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Ingred Name: ARGON
 CAS: 7440-37-1
 RTECS #: CF2300000
 Fraction by Wt: 100%
 ACGIH TLV: ASPHYXIAN; 9192

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 ===== Hazards Identification =====
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Routes of Entry: Inhalation: YES Skin: NO Ingestion: NO
 Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
 Health Hazards Acute and Chronic: INHALATION-ARGON IS A SIMPLE
 ASPHYXIAN. UNCONSCIOUSNESS MAY BE IMMEDIATE. SKIN-THE LIQUID MAY
 CAUSE FROSTBITE. EYE- DUE TO EVAPORATION THE LIQUID MAY CAUSE
 FROSTBITE. INGESTION-IF LIQUID IS SWALLOWED , FROSTBITE DAMAGE TO
 THE LIPS, MOUTH & MUCOUS MEMBRANES MAY OCCUR.
 Explanation of Carcinogenicity: DOES NOT CONTAIN A CARCINOGEN.
 Effects of Overexposure: INHALATION-RAPID RESPIRATION & PULSE, AIR
 HUNGER, DIZZINESS, REDUCED AWARENESS, INCOORDINATION,
 UNCONSCIOUSNESS, CONVULSION, DEEP COMA & DEATH ARE POSSIBLE.
 SKIN-REDNESS, TINGLING & PAIN OR NUMBNESS, HARD SKIN & BLISTERS.
 EYE-REDNESS, PAIN AND BLURRED VISION.
 Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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 ===== First Aid Measures =====
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First Aid:INHALATION-REMOVE FROM EXPOSURE AREA TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, PERFORM CPR. MAINTAIN AIRWAY & BLOOD PRESSURE & GIVE OXYGEN IF AVAILABLE. SKIN-(FROSTBITE) WARM AREA IN WARM WATER AT 107F. GET MEDICAL ATTENTION. EYE-(LIQUID GAS) WASH WITH LARGE AMOUNT OF WARM WATER. GET MEDICAL ATTENTION. INGESTION-IT IS UNLIKELY THAT TREATMENT WILL BE REQUIRED.

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Fire Fighting Measures
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Extinguishing Media:DRY CHEMICAL OR CARBON DIOXIDE. FOR LARGE FIRES USE WATER SPRAY, FOG OR REGULAR FOAM.
Fire Fighting Procedures:MOVE CONTAINERS FROM FIRE AREA WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAME UNTIL WELL AFTER FIRE IS OUT.
Unusual Fire/Explosion Hazard:USE AGENT SUITABLE FOR TYPE OF FIRE. AVOID BREATHING TOXIC VAPORS; KEEP UPWIND. STOP LEAK IF POSSIBLE WITHOUT HAZARD.

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

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Handling and Storage
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Handling and Storage Precautions:STORE IN ACCORDANCE WITH 29 CFR 1910.101.
Other Precautions:DO NOT PERMIT PHYSICAL DAMAGE OR OVERHEATING OF CONTAINERS. CONTENTS ARE UNDER PRESSURE; CONTAINERS MAY VIOLENTLY RUPTURE & TRAVEL A CONSIDERABLE DISTANCE.

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Exposure Controls/Personal Protection
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Respiratory Protection:THE SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND IN THE WORK PLACE, MUST BE BASED ON THE SPECIFIC OPERATION, MUST NOT EXCEED THE WORKING LIMITS OF THE RESPIRATOR AND MUST BE APPROVED BY NIOSH/MSHA.
Ventilation:PROVIDE GENERAL DILUTION VENTILATION.
Protective Gloves:COLD INSULATING GLOVES.
Eye Protection:SPLASH PROOF SAFETY GOGGLES.
Other Protective Equipment:FOR THE GAS FORM, PROTECTIVE CLOTHING NOT REQUIRED. IF IT IS LIQUID, EMPLOYEE MUST WEAR APPROPRIATE PROTECTIVE CLOTHING.
Work Hygienic Practices:EMPLOYER SHOULD PROVIDE AN EYE WASH FOUNTAIN AND QUICK DRENCH SHOWER WITHIN THE IMMEDIATE WORK AREA.
Supplemental Safety and Health
NONE

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Physical/Chemical Properties
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HCC:G3
Boiling Pt:B.P. Text:-303F,-186C
Melt/Freeze Pt:M.P/F.P Text:-308F,-189C
Vapor Pres:500 MMHG
Vapor Density:1.38
Spec Gravity:1.784

Solubility in Water:3.36%

Appearance and Odor:ODORLESS, TASTELESS, COLORLESS INERT GAS.

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

Stability Indicator/Materials to Avoid:YES

NO DATA AVAILABLE.

Stability Condition to Avoid:STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

Hazardous Decomposition Products:NONE HAZARDOUS.

Conditions to Avoid Polymerization:HAZARDOUS POLYMERIZATION HAS NOT BEEN REPORTED TO OCCUR UNDER NORMAL TEMPERATURES AND PRESSURES.

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

Waste Disposal Methods:OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS WHEN STORING OR DISPOSING OF THIS SUBSTANCE. FOR ASSISTANCE, CONTACT THE DISTRICT DIRECTOR OF THE ENVIRONMENTAL PROTECTION AGENCY.

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