

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

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

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

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

Ingred Name: ARGON

CAS: 7440-37-1

RTECS #: CF2300000

Fraction by Wt: 100%

ACGIH TLV: ASPHYXIAN; 9192

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

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.

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

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.

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

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.

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

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.

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

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.

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

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

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

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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