

MG INDUSTRIES -- NITROGEN,COMPRESSED GAS -- 4940-00-313-7703

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

Product ID:NITROGEN,COMPRESSED GAS

MSDS Date:12/03/1990

FSC:4940

NIIN:00-313-7703

Kit Part:Y

MSDS Number: BLFFJ

=== Responsible Party ===

Company Name:MG INDUSTRIES

Address:3 GREAT VALLEY PARKWAY

Box:945

City:MALVERN (FORMALLY IN VALLEY FORGE)

State:PA

ZIP:19355-1424

Country:US

Info Phone Num:610-695-74

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Emergency Phone Num:610-695-7400

CAGE:08772

=== Contractor Identification ===

Company Name:BAXTER HEALTHCARE CORP INSTRUMENT DIV

Box:UNKNOW

CAGE:02356

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

Company Name:NEWPORT SCIENTIFIC INC SUPERPRESSURE PRODUCTS DIV

Address:8246 E SANDY CT

Box:City:JESSUP

State:MD

ZIP:20794

Country:US

Phone:301-498-6700/FAX 301-490-2313 MARY

CAGE:59505

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

Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt: 100.0%
Other REC Limits:NONE SPECIFIED
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:ACUTE-EYE/SKIN:LIQUID MAY CAUSE
FROSTBITE,REDNESS,PAIN.INHALED:SIMPLE ASPHYXIAN.DIZZINE
SS,TINGLING
SENSATIONS,INCOORDINATION,NAUSEA,VOMITING,UNCONSCIOUSNESS,CONVULSIO
N,DEEP COMA & DEATH ARE POSSIBLE. INGESTED:LIQUID MAY FROSTBITE
DAMAGE OFTHE LIPS,MOUTH & MUCOUS MEMBRANE.CHRONIC-EYE/SKIN:NO
ADVERSE EFFECTS KNOWN.
Effects of Overexposure:LIQUID MAY CAUSE FROSTBITE,REDNESS,PAIN IN
EYES/SKIN.INHALATION MAY CAUSE DIZZINESS,TINGLING
SENSATIONS,INCOORDINATION,NAUSEA,VOMITING,UNCONSCIOUSNESS,CONVULSIO
N,DEEP COMA & DEATH.LIQUID MAY FROSTBITE DAMAGE OF THE LI
PS,MOUTH
& MUCOUS MEMBRANE IF SWALLOWED.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:GET MEDICAL CARE IN ALL CASES.EYES:FLUSH IMMEDIATELY WITH
WATER FOR 15-20 MINUTES HOLDING EYELIDS OPEN.SKIN:WARM AFFECTED
AREA WITH WARM WATER.EXERCISE AFFECTED PART.INHALED:REMOVE TO FRESH
AIR.QUALIF IED PERSON SHOULD GIVE CPR/OXYGEN.INGESTED:TREAT
SYMPTOMATICALLY & SUPPORTIVELY.

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

Extinguishing Media:NONFLAMMABLE, INERT GAS. USE DRY CHEMICAL OR CARBON
DIOXIDE. FOR LARGE FIRES, SE WATER SPRAY, FOG OR REGULAR FOAM.
Fire Fighting Procedures:MOVE CONTAINERS AWAY FROM FIRE IF
POSSIBLE.COOL CONTAINERS WITH WATER.STAY AWAY FROM ENDS OF
TANKS.WITHDRAW IN CASE OF RISING SOUND OR DISCOLORATION OF TANKS.
Unusual Fire/Explosion Hazard:SOME OF THESE MATERIALS, IF SPILLED, MAY
EVAPORATE LEAVING A FLAMMABLE RESIDUE.

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

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA.USE APPROPRIATE PROTECTIVE EQUIPMENT.IF LEAK IS IN CONTAINER OR CONTAINER VALVE,CONTACT YOUR SUPPLIER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE UPRIGHT,IN A COOL,DRY,WELL VENTILATED AREA BELOW 131F.USE ONLY IN WELL VENTILATED AREA.DO NOT DRAG,SLIDE OR ROLL CYLINDERS.

Other Precautions:DO NOT HEAT CYLINDER TO INCREASE THE DISCHARGE RATE OF PRODUCT FROM THE CYLINDER.USE A FIRST-IN FIRST-OUT INVENTORY SYSTEM.VALVE PROTECTION CAPS MUST REMAIN IN PLACE UNLESS CONTAINER IS SECURED WITH V ALVE OUTLET PIPED TO USE POINT.

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

Respiratory Protection:POSITIVE PRESSURE AIR LINE WITH MASK OR SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation:LOCAL EXH
AUST

Protective Gloves:ANY MATERIAL

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:SAFETY SHOES

Work Hygienic Practices:WASH HANDS.DO NOT SMOKE.

Supplemental Safety and Health

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

HCC:G3

Boiling Pt:B.P. Text:-321F,-196C

Melt/Freeze Pt:M.P/F.P Text:-346F,-210C

Vapor Pres:760 @-196C

Vapor Density:0.967

Spec Gravity:1.2506

Solubility in Water:1.6% @ 20C

Appearance and Odor:COLORLESS, ODORLESS, TASTELESS, INERT G

AS

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

LITHIUM, MAGNESIUM, NEODYMIUM, OZONE, TITANIUM

Stability Condition to Avoid:HEAT AND FLAMES

Hazardous Decomposition Products:MAY FORM TOXIC OXIDES OF NITROGEN.

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

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF WASTE OR UNUSED
QUANTITIES.RETURN IN THE SHIPPING CONTAINER PROPER

LY LABELED,WITH

ANY VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PROTECTION CAP IN
PLACE TO YOUR SUPPLIER .

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