

DOD Hazardous Materials Information System  
DoD 6050.5-L  
AS OF July 1998

FSC: 6830  
NIIN: 009737275  
Manufacturer's CAGE: 18264  
Part No. Indicator: A  
Part Number/Trade Name: COMPRESSED AIR

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General Information  
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Item Name: COMPRESSED AIR  
Company's Name: NATIONAL WELDERS  
Company's Street: 810 GESCO  
Company's P. O. Box: 31007  
Company's City: CHARLOTTE  
Company's State: NC  
Company's Country: US  
Company's Zip Code: 28231  
Company's Emerg Ph #:  
Company's Info Ph #:  
Distributor/Vendor # 1:  
Distributor/Vendor # 1 Cage:  
Distributor/Vendor # 2:  
Distributor/Vendor # 2 Cage:  
Distributor/Vendor # 3:  
Distributor/Vendor # 3 Cage:  
Distributor/Vendor # 4:  
Distributor/Vendor # 4 Cage:  
Safety Data Action Code:  
Safety Focal Point: G  
Record No. For Safety Entry: 002  
Tot Safety Entries This Stk#: 003  
Status:  
Date MSDS Prepared: 20NOV88  
Safety Data Review Date: 12OCT89  
Supply Item Manager: GSA  
MSDS Preparer's Name: NK  
Preparer's Company: NATIONAL WELDERS  
Preparer's St Or P. O. Box: PO BOX 31007  
Preparer's City: CHARLOTTE  
Preparer's State: NC  
Preparer's Zip Code: 28231  
Other MSDS Number:  
MSDS Serial Number: BHFBH  
Specification Number: NK  
Spec Type, Grade, Class: NK  
Hazard Characteristic Code:  
Unit Of Issue: CY  
Unit Of Issue Container Qty: 1 CY  
Type Of Container: METAL  
Net Unit Weight: NK

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NRC/State License Number: NK  
Net Explosive Weight: NK  
Net Propellant Weight-Ammo: NK  
Coast Guard Ammunition Code: NK

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Ingredients/Identity Information  
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Route Of Entry - Inhalation: YES  
 Route Of Entry - Skin: NO  
 Route Of Entry - Ingestion: NO  
 Health Haz Acute And Chronic: DECOMPRESSION SICKNESS PAINS OR "BENDS" ARE POSSIBLE FOLLOWING RAPID DECOMPRES- SION.  
 Carcinogenicity - NTP: NO  
 Carcinogenicity - IARC: NO  
 Carcinogenicity - OSHA: NO  
 Explanation Carcinogenicity: NK  
 Signs/Symptoms Of Overexp: INHALATION IN A HIGH PRESSURE ENVIRONMENT SUCH AS UNDERWATER DIVING, CAISSONS, OR HYPERBARIC CHAMBERS CAN RESULT IN SYMPTOMS SIMILAR TO OVEREXPOSURE TO PURE OXYGEN. THESE INCLUDE TINGLING OF FINGERS & TOES, ABNORMAL SENSATIONS, IMPAIRED COORDINATION AND CONFUSION.  
 Med Cond Aggravated By Exp: NK  
 Emergency/First Aid Proc: FACILITIES OR PRACTICES AT WHICH AIR IS BREATHED IN A HIGH PRESSURE ENVIRONMENT SHOULD BE PREPARED TO DEAL WITH THE ILLNESSES ASSOCIATED WITH DECOMPRESSION (BENDS OR CAISSON DISEASE). DECOMPRESSION EQUIPMENT MAY BE REQUIRED.

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\* Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: NK  
 Neutralizing Agent: NK  
 Waste Disposal Method: NK  
 Precautions-Handling/Storing: STORE/USE IN COOL, DRY, WELL VENTILATED AREA. DON'T LET TEMP EXCEED 130F. SEGREGATE FULL/EMPTY CYLINDER STORE UPRIGHT AND FIRMLY SECURED. PROTECT OF DAMAGE  
 Other Precautions: COMPRESSED GAS CYLINDERS SHOULD NOT BE REFILLED EXCEPT BY QUALIFIED PRODUCERS OF COMPRESSED GASES.

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Control Measures

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Respiratory Protection: NK  
 Ventilation: NK  
 Protective Gloves: ANY MATERIAL  
 Eye Protection: SAFETY GOGGLES OR GLASSES  
 Other Protective Equipment: SAFETY SHOES  
 Work Hygienic Practices: NK  
 Suppl. Safety & Health Data: NK

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Transportation Data

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Transportation Action Code:  
 Transportation Focal Point: G  
 Trans Data Review Date: 89285  
 DOT PSN Code: AGJ  
 DOT Symbol:  
 DOT Proper Shipping Name: AIR, COMPRESSED  
 DOT Class: 2.2  
 DOT ID Number: UN1002  
 DOT Pack Group:  
 DOT Label: NONFLAMMABLE GAS  
 DOT/DoD Exemption Number: NK  
 IMO PSN Code: EQH  
 IMO Proper Shipping Name: COMPRESSED GAS, N.O.S. o  
 IMO Regulations Page Number: 2124  
 IMO UN Number: 1956  
 IMO UN Class: 2(2.2)

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 Proprietary: NO  
 Ingredient: COMPRESSED AIR  
 Ingredient Sequence Number: 01  
 Percent: NK  
 Ingredient Action Code:  
 Ingredient Focal Point: G  
 NIOSH (RTECS) Number: RS2060000  
 CAS Number: 7782-44-7  
 OSHA PEL: NK  
 ACGIH TLV: NK  
 Other Recommended Limit: NK  
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Physical/Chemical Characteristics

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 Appearance And Odor: COLORLESS, ODORLESS GAS  
 Boiling Point: -317F/-194C  
 Melting Point: NK  
 Vapor Pressure (MM Hg/70 F): \*SEE BELOW  
 Vapor Density (Air=1): \*SEE BELOW  
 Specific Gravity: 1.0  
 Decomposition Temperature: NK  
 Evaporation Rate And Ref: NK  
 Solubility In Water: VERY SLIGHTLY  
 Percent Volatiles By Volume: NK  
 Viscosity: NK  
 pH: NK  
 Radioactivity: NK  
 Form (Radioactive Matl):  
 Magnetism (Milligauss): N/P  
 Corrosion Rate (IPY): NK  
 Autoignition Temperature: NK  
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Fire and Explosion Hazard Data

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 Flash Point: N/A  
 Flash Point Method: N/P  
 Lower Explosive Limit: NK  
 Upper Explosive Limit: NK  
 Extinguishing Media: NONFLAMMABLE GAS  
 Special Fire Fighting Proc: NK  
 Unusual Fire And Expl Hazrds: COMPRESSED AIR AT HIGH PRESSURES WILL  
 ACCELERATE THE BURNING OF MATERIALS TO A GREATER RATE THAN THEY BURN AT  
 ATMOSPHERIC PRESSURE.  
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Reactivity Data

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 Stability: YES  
 Cond To Avoid (Stability): NK  
 Materials To Avoid: NK \*VAP PRES:@70F/21C ABOVE THE CRITICAL TEMP OF -  
 221F/-140C  
 Hazardous Decomp Products: NK \*VAP DENS: .0749 LB/FT3 (1.200 KG/M3)  
 Hazardous Poly Occur: NO  
 Conditions To Avoid (Poly): NK  
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Health Hazard Data

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 LD50-LC50 Mixture: NK  
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IMO Subsidiary Risk Label: -  
 IATA PSN Code: HDO  
 IATA UN ID Number: 1956  
 IATA Proper Shipping Name: COMPRESSED GAS, N.O.S. \*  
 IATA UN Class: 2.2  
 IATA Subsidiary Risk Class:  
 IATA Label: NON-FLAMMABLE GAS  
 AFI PSN Code: HDO  
 AFI Symbols:  
 AFI Prop. Shipping Name: COMPRESSED GAS, N.O.S.  
 AFI Class: 2.2  
 AFI ID Number: UN1956  
 AFI Pack Group:  
 AFI Label:  
 AFI Special Prov:  
 AFI Basic Pac Ref: 6-6,6-8,6-10  
 MMAC Code: NK  
 N.O.S. Shipping Name: NK  
 Additional Trans Data: NK

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Disposal Data

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Disposal Data Action Code:  
 Disposal Data Focal Point:  
 Disposal Data Review Date:  
 Rec # For This Disp Entry:  
 Tot Disp Entries Per NSN:  
 Landfill Ban Item:  
 Disposal Supplemental Data:  
 1st EPA Haz Wst Code New:  
 1st EPA Haz Wst Name New:  
 1st EPA Haz Wst Char New:  
 1st EPA Acute Hazard New:  
 2nd EPA Haz Wst Code New:

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2nd EPA Haz Wst Name New:  
 2nd EPA Haz Wst Char New:  
 2nd EPA Acute Hazard New:  
 3rd EPA Haz Wst Code New:  
 3rd EPA Haz Wst Name New:  
 3rd EPA Haz Wst Char New:  
 3rd EPA Acute Hazard New:

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Label Data

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Label Required: YES  
 Technical Review Date:  
 Label Date:  
 MFR Label Number:  
 Label Status: F  
 Common Name:  
 Chronic Hazard: N/P  
 Signal Word:  
 Acute Health Hazard-None:  
 Acute Health Hazard-Slight:  
 Acute Health Hazard-Moderate:  
 Acute Health Hazard-Severe:  
 Contact Hazard-None:  
 Contact Hazard-Slight:

Contact Hazard-Moderate:  
Contact Hazard-Severe:  
Fire Hazard-None:  
Fire Hazard-Slight:  
Fire Hazard-Moderate:  
Fire Hazard-Severe:  
Reactivity Hazard-None:  
Reactivity Hazard-Slight:  
Reactivity Hazard-Moderate:  
Reactivity Hazard-Severe:  
Special Hazard Precautions: VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION.  
CONTACT WITH LIQUID MAY CAUSE FROSTBITE. FIRE MAY PRODUCE IRRITATING OR  
POISONOUS GASES.  
Protect Eye:  
Protect Skin:  
Protect Respiratory:  
Label Name: NATIONAL WELDERS SUPPLY CO INC  
Label Street: 810 GESCO  
Label P.O. Box: 31007  
Label City: CHARLOTTE  
Label State: NC  
Label Zip Code: 28231  
Label Country: US  
Label Emergency Number:  
Year Procured: