

## **AMS5825D**

### **MSDS Number**

BDXGR

### **National Stock Number**

3439-00-368-8535

### **Product Name**

AMS5825D

### **Manufacturer**

NATIONAL WELDING ALLOYS INC

### **Product Identification**

Product ID:AMS5825D  
MSDS Date:01/01/1987  
FSC:3439  
NIIN:00-368-8535  
MSDS Number: BDXGR

### **Responsible Party**

NATIONAL WELDING ALLOYS, INC.  
Emergency Phone: 412-781-4255  
Cage: 0ACE2

### **Contractor**

NATIONAL WELDING ALLOYS INC  
PITTSBURGH, PA 15215-2624  
US  
412-781-4255  
Cage: 0ACE2

### **Ingredients**

IRON ION (FE +2)  
CAS: 15438-31-0  
RTECS: NO6925000  
Fraction By Weight: 75%  
OSHA PEL1 MG/M3 (FE)  
ACGIH TLV: 1 MG/M3 (FE); 8990

CHROMIUM (SARA III)  
CAS: 7440-47-3  
RTECS: GB4200000  
Fraction By Weight: 16.4%  
OSHA PEL1 MG/M3  
ACGIH TLV: 0.5 MG/M3; 9192  
EPA Report Quantity: 1 LB  
DOT Report Quantity: 1 LB

NICKEL (SARA III)

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 4.8%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

COPPER (SARA III)

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight: 3.4%

OSHA PEL0.1MG/M3 FUME/1 DUST

ACGIH TLV: 0.2MG/M3 FUME; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

MANGANESE (SARA III)

CAS: 7439-96-5

RTECS: OO9275000

Fraction By Weight: 0.6%

OSHA PEL(C) 5 MG/M3 DUST

ACGIH TLV: 5 MG/M3 DUST 9293

## Hazards

Effects of Overexposure:DIZZ,NAU,IRRIT OF NOSE, THROAT, OR EYES. ARC RAYS CAN BURN SKIN & INJURE EYES. ELECTRIC SHOCK DEADLY

## First Aid

First Aid:RMV TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFF. GIVE CPR IF NOT BREATHING. GET MED ATTN IF REQD.

## Fire Fighting

Fire Fighting Procedures:WEAR SCBA & PROTECTIVE EQUIPMENT  
Unusual Fire/Explosion Hazard:WELDING ARC&SPARKS CAN IGNITE COMBUSTIBLES.

## Handling

Handling and Storage Precautions:STORE IN DRY AREA.  
Other Precautions:USE ARM PROTECT,APRONS,HATS,SHOULDER PROTECTION & SUBSTANTIAL CLOTHING, WELDER SHOULD INSULATE HIMSELF FM WORK & GROUND.

## Exposure Controls

Respiratory Protection:NIOSH APPROVED RESP FOR RESP FUMES OR SCBA FOR CONFINED SPACE.  
Ventilation:USE LOCAL AT ARC & MECHANICAL TO KEEP FUMES BELOW TLV  
Protective Gloves:WELDING  
Eye Protection:HELMET W/#10 SHADE LENS.  
Other Protective Equipment:BODY PROTECTION FOR RADIATION,SPARKS & ELECT SHOCK  
Supplemental Safety and Health  
MSDS NOT DATED

## Chemical Properties

HCC:N1

Vapor Pres:0  
Spec Gravity:7.86  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:STEEL GRAY METAL RODS, NO ODOR.  
Percent Volatiles by Volume:0

## Stability

Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:EXPOSURE TO WELDING FUMES & ARC.  
Hazardous Decomposition Products:TOXIC FUMES WHEN WELDING,  
CO,CO\*2,OZONE, NITROGEN OXIDES

## Disposal

Waste Disposal Methods:DISPOSE AS METAL SCRAP, CONSIDERED NON-HAZARDOUS  
WASTE.

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