

AMS5825D

MSDS Number

BFCLC

National Stock Number

3439-00-522-2755

Product Name

AMS5825D

Manufacturer

NATIONAL WELDING ALLOYS INC

Product Identification

Product ID:AMS5825D
MSDS Date:01/01/1987
FSC:3439
NIIN:00-522-2755
MSDS Number: BFCLC

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

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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