

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

Product ID:GMAW WIRE,TYPE A5356

MSDS Date:01/01/1987

FSC:3439

NIIN:01-012-6661

MSDS Number: BGDHH

=== Responsible Party ===

Company Name:AIRCO WELDING PRODUCTS

Emergency Phone Num:(201)464-8100

CAGE:83923

=== Contractor Identification ===

Company Name:AIRCO WELDING PRODUCTS DIV OF THE BOC GROUP INC.

Address:4437 E 49TH STRRET

City:CLEVELAND

State:OH

ZIP:44125-

1005

Country:US

Phone:216-641-8790

CAGE:83923

Company Name:DIV OF THE BOC GROUP INC AIRCO INC

Address:575 MOUNTAIN AVENUE

Box:City:MURRAY HILL

State:NJ

ZIP:07974

Country:US

Phone:908-665-2400

CAGE:6S493

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

Ingred Name:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 94%

OSHA PEL:15MG/M3 DUST/5 FUME

ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:MAGNESIUM

CAS:7439-95-4

RTECS #:OM2100000

Fraction by Wt: 5%

Ingred N

ame:CHROMIUM (SARA III)  
CAS:7440-47-3  
RTECS #:GB4200000  
Fraction by Wt: 0.1%  
OSHA PEL:1 MG/M3  
ACGIH TLV:0.5 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:MANGANESE (SARA III)  
CAS:7439-96-5  
RTECS #:OO9275000  
Fraction by Wt: 0.1%  
OSHA PEL:(C) 5 MG/M3 DUST  
ACGIH TLV:5 MG/M3 DUST 9293

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

Effects of Overexposure:DIZZINESS,NAUSEA,OR DRYNESS OR IRRITATION OF  
NOSE,THROAT,OR EYES.

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

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF NEED;EYES:FLUSH W  
LG AMTS H\*2O FOR 15 MIN;SKIN:FLUSH W LG AMTS H\*2O;INGEST:RINSE  
MOUTH.

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

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE  
Unusual Fire/Explosion Hazard:WELDING ARC AND SPARKS CAN IGNITE  
COMBUSTIBLE PRODUCTS

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

Spill Release Procedures:  
CLEAN UP ANY GRINDING DUST OR WASTE RESIDUE  
AND PLACE IN SUITABLE DOT APPVD DISPOSAL CONTAINER.

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

Other Precautions:WELD IN WELL VENTILATED AREA.AVOID INHALATION OF  
WELDING FUMES.AVOID ELECTRICAL SHOCK BY MAINTAINING DRY WORK AREA.

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

Respiratory Protection:FUME RESP.OR AIR SUPPLIED RESP.IN CONFINED  
SPACES.  
Ventilation:MECHANICAL (GENERAL) A

CCEPTABLE LOCAL EXHAUST IF NEEDED.

Protective Gloves:WELDER'S GLOVES

Eye Protection:FACE SHLD W.FILTER LENS.

Other Protective Equipment:APRON.LEGGINGS,BOOTS,CAPES,SHOULDR  
COVERS-SEE SUPPL.DATA-

Supplemental Safety and Health

MSDS DATED 11-15-79/HAZ.DECOMP:IN ARC WELDING SLIGHT NO\*2,AND

OZONE/OTHER PROTECTIVE EQUIPMENT:HARD HAT,SCREENS,LOW REFLECTIVITY  
WALLS OR BOOTHS/

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

HCC:N1

Appearance and Odor:ELECTRODE,WELDING

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

Stability Indicator/Materials to Avoid:YES

NONE

Hazardous Decomposition Products:FUME OF METALS&METAL OXIDES  
INCLUD.BASE MTL&COATNG-SEE SUPPL

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

Waste Disposal Methods:KISPOSE IAW LOCAL,STATE & FEDERAL REGULATIONS.

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