

J.W. HARRIS CO., INC. -- AWSA5.2-80 RG60 0.062 STEEL-OXY FUEL WELDING ROD --  
3439-00-246-0564

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Product Identification  
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Product ID:AWSA5.2-80 RG60 0.062 STEEL-OXY FUEL WELDING ROD

MSDS Date:11/01/1985

FSC:3439

NIIN:00-246-0564

MSDS Number: BKHJR

=== Responsible Party ===

Company Name:J.W. HARRIS CO., INC.

Address:10930 DEERFIELD ROAD

City:CINCINNATI

State:OH

ZIP:45242

Info Phone Num:(513)

891-2000

Emergency Phone Num:(513) 891-2000

CAGE:27911

=== Contractor Identification ===

Company Name:J. W. HARRIS CO INC & HARRIS WELCO, DIVISION/J.W. HARRIS  
CO

Address:1051 YORK RD

Box:City:KINGS MOUNTAIN

State:NC

ZIP:28086

Country:US

Phone:704-739-6421

CAGE:34920

Company Name:J. W. HARRIS CO., INC.

Address:10930 DEERFIELD ROAD

Box:City:CINCINNATI

State:OH

ZIP:45242-4110

Country:US

Phone:513-891-2000

CAGE:27911

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Composition/Information on Ingredients  
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Ingred

Name:SULFUR  
CAS:7704-34-9  
RTECS #:WS4250000  
Fraction by Wt: 0.022%

Ingred Name:MANGANESE (SARA III)  
CAS:7439-96-5  
RTECS #:OO9275000  
Fraction by Wt: 0.94%  
OSHA PEL:(C) 5 MG/M3 DUST  
ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:PHOSPHOROUS (YELLOW) (SARA III)  
CAS:7723-14-0  
RTECS #:TH3500000  
Fraction by Wt: 0.010%  
Other REC Limits:100 UG/CUM  
OSHA PEL:0.1 MG/M3  
ACGIH TLV:0.1 MG/M3; 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:IRON  
CAS:7439-89-6  
RTECS #:NO4565500  
Fraction by Wt: BALANCE

Ingred  
Name:IRON OXIDE  
CAS:1309-37-1  
RTECS #:NO7400000  
OSHA PEL:10 MG/M3 (FE)  
ACGIH TLV:5 MG/M3(FE),B2; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: DISCOMFORT, DIZZINESS,  
NAUSEA, DRYNESS, IRRITATION OF THE THROAT, PULMONARY IRRITATION,  
PNEUMOCONIOSIS, & SIDEROSIS. EYE: INJURY. SKIN: BURN.  
Explanation of Carcinog

enicity:NONE

Effects of Overexposure:INHALATION: DISCOMFORT, DIZZINESS, NAUSEA,  
DRYNESS, IRRITATION OF THE THROAT, PULMONARY IRRITATION,  
PNEUMOCONIOSIS, SIDEROSIS. EYE: INJURY. SKIN: BURN.

Medical Cond Aggravated by Exposure:IMPAIRED PULMONARY FUNCTIONS OR  
ILLNESS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NEEDED.  
EYES/SKIN: FLUSH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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=== Fire Fighting Measures =====

Flash Point:NON-FLAMMABLE  
Unusual Fire/Explosion Hazard:WELDING ARC, OPEN FLAME, & SPARKS CAN  
IGNITE COMBUSTIBLES.

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

Handling and Storage Precautions:TRAIN THE EMPLOYEE NOT TO TOUCH  
ELECTRICAL PARTS & TO INSULATE HIMSELF FROM WORK & GROUND. ELECTRIC  
SHOCK FROM ARC WELDING EQUIPMENT CAN KILL.

Other Precautions:TO DETERMINE THE COMPOSITION & QUANTITY OF  
FUMES/GASE

S TO WHICH WORKERS ARE EXPOSED IS TO TAKE AN AIR SAMPLE  
FROM INSIDE THE WELDER'S HELMET IF WORN OR IN THE WORKER'S  
BREATHING ZONE. TRAIN THE EMPLOY EE TO KEEP HIS HEAD OUT OF THE  
FUMES.

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

Respiratory Protection:USE A RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED  
RESPIRATOR WHEN WELDING, BRAZING, OR SOLDERING IN A CONFINED SPACE  
OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE