

J.W.HARRIS -- STA-SILV 15 -- 3439-00-141-8707

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Product Identification
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Product ID:STA-SILV 15
MSDS Date:09/01/1992
FSC:3439
NIIN:00-141-8707
MSDS Number: BDBQR
=== Responsible Party ===
Company Name:J.W.HARRIS
Address:10930 DEERFIELD RD.
City:CINCINNATI
State:OH
ZIP:45242
Country:US
Info Phone Num:513-891-2000
Emergency Phone Num:513-891-2000
CAGE:27911
=== Contractor Identification ===

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:SILVER (SARA III)
CAS:7440-22-4
RTECS #:VW3500000
Fraction by Wt: 15%
Other REC Limits:ACGIH 0.01 MG SOL.AG
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:COPPER (SARA III)
CAS:7440-50-8
RTECS #:GL5325000
Fraction by W

t: 80%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1MG/M3 FUME/1 DUST
ACGIH TLV:0.2MG/M3 FUME; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PHOSPHOROUS (YELLOW) (SARA III)
CAS:7723-14-0
RTECS #:TH3500000
Fraction by Wt: 5.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenic
ity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE HAZARD IS METAL FUME FEVER,
CAUSED BY BREATHING COPPER OR ZINC FUME. CHRONIC EFFECTS MAY BE
CAUSED BY FLUORIDES FROM THE FLUX OR POSSIBLE PULMONARY DISEASE,
SUCH AS PNEUMOCONIOSIS.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN BY
IARC, NTP, OSHA
Effects of Overexposure:METAL FUME INHALATION: METALLIC TASTE, THROAT
IRRI
TATION, COUGHING, SHORTNESS OF BREATH, NAUSEA, FEVER, BODY
ACHE, CHILLS.
Medical Cond Aggravated by Exposure:PULMONARY DISEASES

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

First Aid:REMOVE FROM EXPOSURE. GIVE OXYGEN OR ARTIFICIAL RESPIRATION
IF NEEDED. GET MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE
Extinguishing Media:EXTINGUISH WITH MEDIA APPROPRIATE FOR SURROUNDING
FIRE.
Fire Fightin

g Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:READ & UNDERSTAND MFR'S INSTRUCTNS &
PRECAUTIONARY LABEL ON PRODUCT.SEE AMERICAN NATIONAL STD Z49.1,SFTY

IN WELDING&CUTTING,&OSHA PUB 2206 (29CFR1910)
Other Precautions:POSS USED W/FLUORIDE TYPE FLUX.IF APPLIC,CONSIDER
FLUX FUME IN HAZ EVAL. HAZ DECOMP:IF FLUX COATED ROD,INCLUDE BORIC
ACID (BORON
OXIDE,TLV=10MG/CUM,PEL=15MG/CUM);FLUORIDES,TLV&PEL=2.5MG(F)/CUM

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

Respiratory Protection:IF LOCAL EXHAUST CANNOT MAINTAIN EXPOSURE BELOW
TLV, OR IN ENCLOSED AREAS, USE NIOSH RESPIRABLE FUME RESPIRATOR OR
SUPPLIED AIR R

ESPIRATOR. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:PROVIDE LOCAL EXHAUST AT WELDING AREA TO MAINTAIN EXPOSURE
BELOW TLV.

Protective Gloves:WELDER'S GLOVES

Eye Protection:EYE/FACE PROTECTION W/CORRECT ANSI LENS

Other Protective Equipment:WEAR HEAD & BODY PROTECTION TO PREVENT
INJURY FROM RADIATION,SPARKS,FLAME. SEE SUPP DATA

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING.

Supplemental Safety and Health

MINIMUM PROTECTIVE CLOTHING WOULD
BE WELDERS GLOVES AND A PROTECTIVE
FACE SHIELD. OTHERS MAY INCLUDE ARM PROTECTORS,
APRONS,HATS,DARK,SUBSTANTIAL CLOTHING. SEE ANSI Z49.1.

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

HCC:N1

Appearance and Odor:SOLID WIRE OR ROD

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Product

s:FUMES AND/OR GASES PRODUCED DURING
WELDING OR BRAZING OPERATIONS. THEY WILL VARY IN COMPOSITION.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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