

J.W.HARRIS CO.INC. -- STAY-CLEAN ALUMINUM FLUX -- 3439-00-255-4571

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Product Identification  
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Product ID:STAY-CLEAN ALUMINUM FLUX

MSDS Date:02/01/1991

FSC:3439

NIIN:00-255-4571

Status Code:A

MSDS Number: CLMCH

=== Responsible Party ===

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

Address:10930 DEERFIELD ROAD

City:CINCINNATI

State:OH

ZIP:45242

Country:US

Info Phone Num:513-891-2000

Emergency Phone Num:

(800)424-9300

Chemtec Ind/Phone:(800)424-9300

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:AMMONIUM FLUOBORATE

CAS:13826-83-0

RTECS #:BQ6100000

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:AMINOETHYLETHANOLAMINE

CAS:111-41-1

RTECS #:KJ6300000

Ingred Name:

TRIETHANOLAMINE  
CAS:102-71-6  
RTECS #:KL9275000  
ACGIH TLV:5 MG/M3

Ingred Name:ZINC  
CAS:7440-66-6  
RTECS #:ZG8600000  
&lt; Wt:10.  
OSHA PEL:NOT LISTED  
ACGIH TLV:5 MG/M3  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
&lt; Wt:10.  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3

Ingred Name:ZINC OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
&lt; Wt:15.  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

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

Reports of Carcinogenic

ity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IF SWALLOWED, GIVE PLENTY OF WATER OR MILK. DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY. SKIN: FLUSH WITH WATER. INHALTION: IRRITATES RESPIRATORY SYSTEM. MOVE TO FRESH AIR. EYES: EYE IRRITANT. FLUSH WITH WATER AT LEAST 15 MINUTES. PROMPTLY GET MEDICAL ATTENTION.

Explanation of Carcinogenicity:NO

Effects of Overexposure:IF SWALLOWED, GIVE PLENTY OF WATER OR MILK. DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMED

IATELY. SKIN: FLUSH WITH WATER. INHALATION: IRRITATES RESPIRATORY SYSTEM. MOVE TO FRESH AIR. EYES: EYE IRRITANT. FLUSH WITH WATER AT LEAST 15 MINUTES. PROMPTLY GET MEDICAL ATTENTION.

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER

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

First Aid:IF SWALLOWED, GIVE PLENTY OF WATER OR MILK. DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY. SKIN-FLUSH WITH WATER. INHALATION-IRRITATES RESPIRATORY SYSTEM-MOVE TO FRESH AIR. EYES-EYE IRRITANT-FLUS H WITH WATER AT LEAST 15 MINUTES. PROMPTLY GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=135.C, 275.F

Lower Limits:1.6

Upper Limits:10.0

Extinguishing Media:WATER SPRAY, ALCOHOL FOAM, CO2

Fire Fighting Procedures:IF LARGE QUANTITIES ARE INVOLVED IN A FIRE, FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unus

ual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:CANTAIN SPILL, ABSORB, SWEEP-UP, DISPOSE, FLUSH AREA WITH WATER TO CHEMICAL SEWER. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:NO DATA PROVIDED BY MANUFACTURER

Other Precautions:READ

& UNDERSTAND THE MANUFACTURER'S INSTRUCTIONS &

THE PRECAUTIONARY LABEL ON THE PRODUCT. SEE AMERICAN NATIONAL STANDARD Z49.1, SAFETY IN WELDING AND CUTTING PUBLISHED BY THE WELDING SOCIETY, PO BOX 351040, MIAMI FL 33135 AND OSHA PUBLICATION 2206 (29CFR1910), US GOVERNMENT PRINTING OFFICE, WASHIN GTON, DC 20402.

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

Respiratory Protection:USE RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN BRAZING

IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:USE ENOUGH VENTILATION TO KEEP THE FUMES AND GASES BELOW TLV'S IN THE WORKER'S BREATHING ZONE AND THE GENERAL AREA.

Protective Gloves:YES

Eye Protection:WEAR SAFETY GLASSES, GOGGLES OR USE FACE SHIELD WITH FILTER LENS OF APPROPRIATE

Other Protective Equipment:WEAR HEAD AND BODY PROTECTION WHICH HELP TO PREVENT INJURY FROM SPLASHING, SPARKS AND FLAME.

Work Hygienic Practices:NO DATA PROVIDED BY MANUFACTURER

Supplemental Safety and Health  
NO DATA PROVIDED BY MANUFACTURER

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

HCC:V5

Boiling Pt:=133.9C, 273.F

Spec Gravity:1.245

Solubility in Water:100

Appearance and Odor:VISCOUS AMBER LIQUID WITH AMMONIA ODOR.

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

Stability Indicator/Materials to Avoid:YES  
AVOID CONCENTRATED ACIDS AND OXIDIZERS.

Stability Condition to Avoid:AVOID HEAT, SPARKS  
, OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE AND/OR DIOXIDE.

===== Toxicological Information =====

Toxicological Information:NO DATA PROVIDED BY MANUFACTURER

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY MANUFACTURER

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

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

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===== MSDS Transport Information =====

Transport Information:NO DATA PROVIDED BY MANUFACTURER

===== Regulatory Information =====

SARA Title III Information:SARA SECTION 313 SUPPLIER NOTIFICATION:  
INDIVIDUAL FLUXES COVERED BY THIS MSDS MAY CONTAIN TOXIC CHEMICALS  
SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE  
EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF  
40 CFR 372. REFER TO SECTION 2 (ING  
REDIENTS) FOR THE CAS NUMBER FOR  
EACH CHEMICAL INGREDIENT.

Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

===== Other Information =====

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