

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

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Product Identification
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Product ID:STAY-CLEAN ROSIN FLUX
MSDS Date:12/01/1991
FSC:3439
NIIN:00-255-4571
MSDS Number: BJRMK
=== 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:513-891-2000/800-424
-9300(CHEMTREC)
Preparer's Name:KEITH THORNBERRY
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:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9394

Ingred Name:ADIPIC ACID (SARA

III)
CAS:124-04-9
RTECS #:AU8400000
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:5 MG/M3; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:DIMETHYLFORMAMIDE
CAS:68-12-2
RTECS #:LQ2100000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 10 PPM
ACGIH TLV:S, 10 PPM; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health H
azards Acute and Chronic:INHAL:IRRITATES RESPIRATORY SYSTEM.
EYES:IRRITANT.
Explanation of Carcinogenicity:PER
MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NO.
Effects of Overexposure:RESPIRATORY SYSTEM/EYES IRRITANT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

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

First Aid:INGEST:GIVE PLENTY OF WATER OR MILK. DO NOT INDUCE VOMITING.
CALL PHYSICIAN IMMED. SKIN:FLUSH W/WATER. INHAL:MOVE TO FRESH AIR.
EYES:FLU
SH WITH WATER @LEAST 15MINS. PROMPTLY GET MED ATTN.

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

Flash Point Method:TCC
Flash Point:255F,124C
Lower Limits:2.0
Upper Limits:12.0
Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL.
Fire Fighting Procedures:NONE SPECIFIED BY MFG. HOWEVER USE APPROPRIATE
PROTECTIVE EQPMT AS CONDITIONS WARRANTS.
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedur

es:CONTAIN SPILL, ABSORB, SWEEP-UP, DISPOSE,
FLUSH AREA W/WATER TO CHEMICAL SEWER.
Neutralizing Agent:NONE SPECIFIED BY MFG.

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

Handling and Storage Precautions:READ/UNDERSTAND MFG'S
INSTRUCTIONS/PRECAUTIONARY LABELS ON PRODUCT.TRAIN EMPLOYEE TO KEEP
HEAD OUT OF FUMES.

Other Precautions:SEE AMER NAT STD Z49.1 "SAFETY IN WELDING & CUTTING"
BY AMER WELD SOC,POB 351040,MIA,FL33135 & OSHA PUBLICATIN
2206(29CFR1910
) ,US GOVT PRINTING OFC,WASHINGTON,DC20402.ALSO
ANSI/ASCZ49.1 SEC 4.2 & SEC 5.

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

Respiratory Protection:USE RESPIRABLE FUME RESP OR AIR SUPPLIED RESP
WHEN BRAZING IN CONFINED SPACE OF WHERE LOCAL EXHAUST OR
VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:USE ENOUGH VENTILATION TO KEEP FUMES/GASES BELOW TLV'S IN
WORKERS' BREATH ZONE & GEN AREA.SEE ANSI/ASC Z49.1 SEC 5.

Protective Gloves:GLOVES MINIMUM.

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Eye Protection:SAF GLASSES,GOGG,FACESHIELD W/FILT W/#.

Other Protective Equipment:SCREENS/FLASH GOGG TO SHIELD OTHERS.WEAR
HEAD/BODY PROT FROM SPLASHING/SPARKS/FLAME;APRON,HATS,SHOULDER
PROT,DARK CLOTH.

Work Hygienic Practices:WASH HANDS AFTER HANDLING.

Supplemental Safety and Health

USE AS DIRECTED.

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

HCC:N1

Boiling Pt:B.P. Text:194F,90C

Vapor Pres:27.51

Vapor Density:1.73

Spec Gravity:0.823 @72F

Appearance and Odor:NON

E SPECIFIED BY MFG.
Percent Volatiles by Volume:84

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

Stability Indicator/Materials to Avoid: YES
AVOID CONCENTRATED ACIDS & OXIDIZERS.
Stability Condition to Avoid: AVOID HEAT, SPARKS, OPEN FLAMES.
Hazardous Decomposition Products: CARBON MONOXIDE &/OR CARBON DIOXIDE.

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

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