

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:04/01/1996

FSC:3439

NIIN:00-255-4571

Status Code:A

MSDS Number: CKPQQ

=== 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:800-42

4-9300

Chemtrec 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:ISOPROPYL ALCOHOL

CAS:67-63-0

RTECS #:NT8050000

OSHA PEL:980 MG/M3;400 PPM

ACGIH TLV:983 MG/M3;400 PPM

ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name:ADIPIC ACID

CAS:124-04-9

RTECS #:AU8

400000
ACGIH TLV:5 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:DIMETHYLFORMAMIDE
CAS:68-12-2
RTECS #:LQ2100000
OSHA PEL:30 MG/M3;10 PPM
ACGIH TLV:30 MG/M3;10 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ISOPROPYL ALCOHOL - MAY BE IRRITATING TO SKIN, EYES AND MUCOUS MEMBRANES. ADIPIC ACID - MAY CAUSE DERMATITIS, CHEMICAL BURNS, IRRITATION TO THE RESPIRATORY SYSTEM, OR IF SWALLOWED, CHEMICAL BURNS TO THE DIGESTIVE SYSTEM. DIMETHYLFORMAMIDE - MAY CAUSE BODY, LIVER OR SKIN DAMAGE. IT MAY ALSO RESULT IN SYSTEMIC TOXICITY. CHRONIC EFFECTS ARE LIVER, KIDNEY, BONE MARROW, AND CNS EFFECTS.
Effects of Overexposure:ISOPROPYL ALCOHOL - MAY BE IRRITATING TO SKIN, EYES AND MUCOUS MEMBRANES. ADIPIC ACID - MAY CAUSE DERMATITIS, CHEMICAL BURNS, IRRITATION TO THE RESPIRATORY SYSTEM, OR IF SWALLOWED, CHEMICAL BURNS TO THE DIGESTIVE SYSTEM. DIMETHYLFORMAMIDE - MAY CAUSE BODY, LIVER OR SKIN DAMAGE. IT MAY ALSO RESULT IN SYSTEMIC TOXICITY. CHRONIC EFFECTS ARE LIVER, KIDNEY, BONE MARROW, AND CNS EFFECTS.

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

First Aid:IF SWALLOWED GIVE PLENTY OF WATER OR MILK. DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY. SKIN: FLUSH WITH WATER. INHALATION: IRRITATES RESPIRATORY SYSTEM. MOVE TO FRESH AIR. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES PROMPTLY GET MEDICAL ATTENTION. CONTAIN SPILL, ABSORB, SWEEP UP, DISPOSE, FLUSH AREA WITH WATER TO CHEMICAL SEWER. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

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

Flash Point Method:TCC
Flash Point:123.9C, 255.F
ROSIN FLUX
Lower Limits:2.0
Upper Limits:12.0
Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL
Unusual Fire/Explosion Hazard:

NONE

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

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

===== 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 FUMES/GASES BELOW
TLV.EMPLOYEES NEED TO KEEP HEAD OUT OF FUMES.

Protective Gloves:YES

Eye Protection:SAFETY GLASSES, GOGGLES, OR FACE SHIELD WITH FILTER LENS
OF PROPER COLOR

Other Protective Equipment:PROTECTION SCREENS AND FLASH GOGGLES TO
SHIELD OTHERS. WEAR HEAD AND BODY PROTECTION WHICH HELP TO PREVENT
INJURY FROM SPLASHING, SPARKS, AND FLAME. SEE ANSI Z49.

Work Hygienic Practices:TRAIN EMPLOYEE TO KEEP HIS
HEAD OUT OF THE
FUMES.

Supplemental Safety and Health
PWC CODE: 332/1A-12.

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

HCC:V5

Boiling Pt:=90.C, 194.F

B.P. Text:ROSIN FLUX

Vapor Pres:27.51 @20C MMHG

Vapor Density:1.73

Spec Gravity:0.823

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR, OLORLESS LIQUID WITH NO APPRECIABLE ODOR.

Percent Volatiles by Volume:84

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

Stability Indicator/Materials to Avo

id:YES

AVOID CONCENTRATED ACIDS AND OXIDIZERS.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE AND/OR DIOXIDE

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

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

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

SARA Title III Information:INDIVIDUAL FLUXES COVERED BY THIS MSDS MAY
CONTAIN TOXIC CHEMI
CALS 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.

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