

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: CKPFN

=== 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)4

24-9300

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 #:AU

8400000
ACGIH TLV:5 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingrid 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 =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ISOPROPYL ALCOHOL: MAY BE IRRITATING
TO SKIN, EYES AND MUCOUS MEMBRA
NES. ADIPIC ACID: MAY CAUSE
DERMATITIS, CHEMICAL BURNS, IRRITATION TO THE RESPIRATORY SYSTEM,
OR IF SWALLOWED, CHEMICAL BURNS TO TH E 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, IRRITAT
ION TO THE RESPIRATORY SYSTEM, OR IF
SWALLOWED, CHEMICAL BURNS TO TH E 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 PHYSICIAN IMMEDIATELY. SKIN-FLUSH WITH WATER.
INHALATION-IRRITATES RE
SPIRATORY SYSTEM-MOVE TO FRESH AIR. EYES-EYE
IRRITANT-FLUS H WITH WATER AT LEAST 15 MIN. PROMPTLY GET MEDICAL
ATTENTION.

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

Flash Point Method:TCC
Flash Point:=123.9C, 255.F
Lower Limits:2.0
Upper Limits:12.0
Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL
Fire Fighting Procedures:IF LARGE QUANTITIES ARE INVOLVED IN A FIRE,
FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING.

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===== 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.

===== 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 EXP
OSURE 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:WAER 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.

Supplemental Safety and Health

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

HCC:
V5
Boiling Pt:=90.C, 194.F
Vapor Pres:27.51 AT 20 MM
Vapor Density:1.73
Spec Gravity:0.823
Appearance and Odor:CLEAR, COLORLESS LIQUID WITH NO APPRECIABLE ODOR.
Percent Volatiles by Volume:84

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

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

===== Dispo

sal Considerations =====

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

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