

BARON-BLAKESLEE -- SLIDEWIRE CLEANER (HEWLETT PACKARD P/N 508 -- 4931-00-406-1511

=====
Product Identification
=====

Product ID:SLIDEWIRE CLEANER (HEWLETT PACKARD P/N 508

MSDS Date:11/01/1987

FSC:4931

NIIN:00-406-1511

MSDS Number: BMSXC

=== Responsible Party ===

Company Name:BARON-BLAKESLEE

Address:2001 N. JANICE AVENUE

Box:93921

City:MELROSE PARK

State:IL

ZIP:60164

Country:US

Info Phone Num:31

2-450-3900

Emergency Phone Num:312-450-3900

CAGE:25233

=== Contractor Identification ===

Company Name:BARON-BLAKESLEE

Address:2001 N. JANICE AVENUE

Box:93921

City:MELROSE PARK

State:IL

ZIP:60164

Country:US

Phone:312-450-3900

CAGE:25233

Company Name:HEWLETT-PACKARD CO, CORPORATE HQ

Address:3000 MINUTEMAN RD

Box:City:ANDOVER

State:MA

ZIP:01810-1032

Country:US

Phone:404-648-8754/FAX: 800-947-3299

CAGE:28480

=====
Composition/Information on Ingredients
=====

Ingred Name:1,1,2-T

RICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 75%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9192

Ozone Depleting Chemical:1

Ingred Name:DICHLORODIFLUOROMETHANE - PROPELLANT F-12 (SARA III)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ozone Depleting Chemical:1

=====

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

LD50 LC50 Mixture:LD 50 ORAL RAT >400,000 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:PRODUCT IS PRIMARILY A CENTRAL NERVOUS SYSTEM DEPRESSANT AND CAN CAUSE IRRITATION OF RESPIRATORY TRACT, DIZZINESS,NAUSEA,HEADACHE, LOSS OF COORDINATION AND EQUILIBRIUM, UNCONSCIOUSNESS AND EVEN DEATH IN A CONFINED OR POORLY VENTILATED AR

EA.PROLONGED/REPEATED SKIN CONTACT CAN CAUSE IRRITATION AND DERMITITIS.

Explanation of Carcinogenicity:PRODUCT IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:EYE OR SKIN CONTACT: IRRITANT, DEFATTING. INHALED:LOW LEVEL (2500PPM FOR 0.5-1 HR) HEADACHE, DIZZINESS, NAUSEA, LOSS OF CONCENTRATION. HIGH LEVELS: OUSNESS OR DEATH. LIQUID CAN CAUSE DEFATTING OF TI SSUE. INHALED:HIGH LEVEL: INTOXICATION,CNS DEPRESSION, CARDIAC EFFECTS, EVEN DEATH.

INGESTED: SIMILAT TO INHALED.
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY
SUPPLIER.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE
CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH WITH SOAP &
WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED.
INGESTED:IMMEDIA TELY INDUCE VOMITING. (NOTHING BY MOUTHIF
UNCONSCIOUS.) GET IMMEDIATE MEDICAL CARE. IF
ANY IRRITATION
PERSISTS OR IS SEVERE, SEE A DOCTOR.

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

Flash Point:NON-FLAMMABLE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:CONTENTS UNDER PRESSURE! EXPOSURE TO
TEMPERATURES OVER 130 F
MAY RESULT IN RUPTURE OF THE CONTAINER.

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

Spill Release Procedures:EVACUATE AND VENTILATE AREA. DIKE AREA TO
CONTAIN SPILL. PREVENT CONTAMINATION OF GROUND AND SURFACE WATERS.
RECOVER OR COLLECT ON ABSORBENT MATERIAL AND TRANSFER TO STEEL
DRUMS FOR RECOVERY OR DISPOS AL. DO NOT FLUSH TO SEWER. THOROUGHLY
WET VAC AREA
Neutralizing Agent:NONE

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

Han
dling and Storage Precautions:STORE BELOW 130 F. CONTENTS UNDER
PRESSURE. DO NOT PUNCTURE OR INCINERATE. DEPRESSURIZE BEFORE
DISPOSAL. DO NOT USE IN POORLY VENTILATED AREAS.
Other Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID
CONTAMINATION OF WATER SUPPLIES. VAPORS ARE HEAVIER THAN AIR AND
WILL ACCUMULATE IN LOW AREAS. DO NOT STORE IN OPEN, UNLABELED OR
MIS-LABELED CONTAINERS.

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

Respiratory Protec

tion:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR SELF CONTAINED
BREATHING APPARATUS IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR
1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.
Ventilation:PROVIDE LOCAL EXHAUST AT FILLING ZONES AND OTHER OPERATING
SPACES WHERE LEAKAGE IS PROBABLE. MECHANICAL FOR OTHER.
Protective Gloves:LINED BUTYL RUBBER, PVA OR NEOPRENE
Eye Protection:SPLASH GOGGLES
Other Protective Equipment:EYE WASH S
TATION AND SAFETY SHOWER. USE
IMPERVIOUS CLOTHING IF THERE IS DANGER OF REPEATED OR PROLONGED
CONTACT.

Work Hygienic Practices:NO INFORMATION GIVEN ON MSDS BY SUPPLIER.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. USE ONLY WITH ADEQUATE
VENTILATION. AVOID CONTACT WITH SKIN OR EYES. DO NOT TAKE
INTERNALLY. DO NOT EAT DRINK OR SMOKE IN WORK AREAS. USE
RESPIRATORY P ROTECTION AT HIGH EXPOSURE LEVELS OR WHEN ENTERING
CONFINED AREAS. DO NOT P
UNCTURE OR INCINERATE CONTAINER.

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

HCC:V2

Boiling Pt:B.P. Text:117F,47C

Melt/Freeze Pt:M.P/F.P Text:-31F,-35C

Decomp Temp:Decomp Text:250F,121C

Vapor Pres:5.5 PSIA

Vapor Density:6.5

Spec Gravity:1.57

pH:NEUTRL

Evaporation Rate & Reference:2.0

Solubility in Water:0.1%

Appearance and Odor:CLEAR COLORLESS LIQUID,ETHEREL AND FAINT SWEETISH
ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Dat

a =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS AND ALKALIS, REACTIVE METALS (ESPECIALLY POWDERED), STRONG
OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES , WELDING,
CIGARETTES

Hazardous Decomposition Products:HYDROCHLORIC ACID, HYDROFLUORIC ACID,
PHOSGENE

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

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL
REGULATIONS. MANUFACTURER SUGGESTS THAT

RECOVERED LIQUIDS MUST BE

REPROCESSED, INCINERATED OR TREATED BY A PERMITTED HAZARDOUS WASTE MANAGEMENT FACILITY. TREAT MATERIAL CONTAMINATED BY PRODUCT AS ABOVE.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person

utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.