

WHITMIRE RESEARCH LABORATORIES INC. -- PT 515 WASP FREEZE;#19-0515 -- 6840-00-459-2443
===== Product Identification =====

Product ID:PT 515 WASP FREEZE;#19-0515

MSDS Date:07/01/1987

FSC:6840

NIIN:00-459-2443

MSDS Number: BDZJX

=== Responsible Party ===

Company Name:WHITMIRE RESEARCH LABORATORIES INC.

Address:3568 TREE COURT INDUSTRIAL BLVD.

City:ST. LOUIS

State:MO

ZIP:63122

Country:US

Info Phone

Num:314-225-5371

Emergency Phone Num:314-225-5371

Preparer's Name:MICHAEL G.SARLI

CAGE:67184

=== Contractor Identification ===

Company Name:WHITMIRE MICRO GEN RESEARCH LABORATORIES, INC.

Address:3568 TREE COURT IND. BLVD.

Box:City:ST LOUIS

State:MO

ZIP:63122-6620

Country:US

Phone:636-225-5371

CAGE:67184

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

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 11.0%

OSHA PEL:500 PPM/C,1000; Z2

AC

GIH TLV:50 PPM, A2; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)
CAS:127-18-4
RTECS #:KX3850000
Fraction by Wt: 32.0%
OSHA PEL:100 PPM
ACGIH TLV:25PPM/100,A3 STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)
CAS:75-69-4
RTECS #:PB6125000
Fraction by Wt: 20.0%
OSHA PEL:1000 PPM
ACGIH TLV:C, 1000 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

I

ingred Name:DICHLORODIFLUOROMETHANE (SARA III)
CAS:75-71-8
RTECS #:PA8200000
Fraction by Wt: 20.0%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

Ingred Name:HYDROTREATED HEAVY NAPHTHA
CAS:64742-48-9
Fraction by Wt: 13.75%

Ingred Name:PYRETHRUM (SARA III)
CAS:8003-34-7
RTECS #:UR4200000
Fraction by Wt: 0.05%
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ROTENONE
CAS:83-79-4
RTECS #:DJ280

0000
Fraction by Wt: 0.40%
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9192

Ingred Name:PINE OIL
Fraction by Wt: 2.8%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF
EYES,SKIN,RESPIRATORY OR G.I.TRACTS;CNS EFFECTS LIKE
HEADACHE,DIZZINESS,NAUSEA,VOMITING AND POSSIBLE
UNCONSCIOUSNESS;REDNESS OR BURNS OF EY
ES/SKIN
POSSIBLE.CHRONIC:DRYING OF SKIN,DEFATTING OR DERMATITIS.
Explanation of Carcinogenicity:DATA PER MSDS
Effects of Overexposure:SKIN:CAUSES DERMATITIS BY PRLNGD
CONTCT;EYES:MAY IRRIT;INH/ING:MAY CAUS VOMIT;RELATVLY NON-TOXIC.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

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

Flash Point:NONE
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER
FOG.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:CONTENTS UNDER PRESSURE,EXPOSURE TO
TEMPERATURES ABOVE 130F MAY CAUSE BURSTING.

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

Spill Releas

e Procedures:USE PROPER PERSONAL PROTECTION;ALLOW TO DISCHARGE COMPLETELY IN WELL VENTILATED AREA;CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.DO NOT PUNCTURE OR THROW IN FIRE.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT

CONTAINERS FROM PHYSICAL DAMAGE,DO NOT HEAT>130F

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE SHOULD BE NEEDED IN OUTDOOR;USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:NONE SHOULD BE NEEDED;FOR OUTDOOR USE ONLY

Protective Gloves:AS REQUIRED UNDER INSTRUCTIONS

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:V2

Vapor Pres:3526 MMHG

Spec Gravity:1.26

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SPRAYS AS HARD JET STREAM W/PINE OIL/PYRTHRIN ODOR

Percent Volatiles by Volume:85

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

H

azardous Decomposition Products:THERMAL DECOMPOSITION MAY RESULT
HALOGEN ACIDS,CO*2,CO

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE
IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND
REGULATIONS.

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 A
merica 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.