

WHITMIRE RESEARCH LABORATORIES INC. -- MSA WASP STOPPER P/N 19-5008 --
6840-00-459-2443

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

Product ID:MSA WASP STOPPER P/N 19-5008

MSDS Date:11/21/1988

FSC:6840

NIIN:00-459-2443

MSDS Number: BGXBW

=== Responsible Party ===

Company Name:WHITMIRE RESEARCH LABORATORIES INC.

Address:3568 TREE COURT INDUSTRIAL BLVD.

City:ST. LOUIS

State:MO

ZIP:63122

Country:US

Info Phon

e Num:314-576-0120

Emergency Phone Num:314-225-5371

Preparer's Name:MICHAEL G. SARLI

CAGE:67184

=== Contractor Identification ===

Company Name:MINE SAFETY APPLIANCES CO DBA MSA

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Box:City:MURRYSVILLE

State:PA

ZIP:15668-1753

Country:US

Phone:724-733-9272

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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/Inf

ormation on Ingredients =====

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 43.1%

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

Ingred Name:TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)

CAS:75-69-4

RTECS #:PB6125000

Fraction by Wt: 20%

OSHA PEL:1000 PPM

ACGIH TLV:C, 1000 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ozone Depleting Chemical:1

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 20%

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:PETROLEUM MINERAL OIL

CAS:64742-06-9

Fraction by Wt: 13.8%

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:PINE OIL

CAS:8002-09-3

RTECS #:TK5100000

Fraction by Wt: 2.8%

Ingred Name:RESMETHRIN

CAS:10453-86-8

RTECS #:GZ1310000

Fraction by Wt: 0.29%

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Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) = 1244 MG/KG(RESMETHRIN)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: EYE, SKIN & RESPIRATORY TRACT IRRITATION. CHRONIC: MAY CAUSE DERMITITIS UPON PROLONGED EXPOSURE.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:

MAY CAUSE EYE, SKIN & RESPIRATORY TRACT

IRRITATION. HIGH CONCENTRATIONS OF 1,1,1-TRICHLOROETHANE MAY CAUSE MINIMAL ANESTHETIC OR NARCOTIC EFFECTS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. CALL A PHYSICIAN. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING/SHOES. INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. CALL A PHYSICIAN.

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

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER

PRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CONTAINERS UNDER PRESSURE AND MAY BURST WHEN EXPOSED TO FIRE.

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

Spill Release Procedures:IF CONTAINER BEGINS TO LEAK (THROUGH PUNCTURE, ETC.) ALLOW IT TO DISCHARGE COMPLETELY IN WELL VENTILATED AREA, THEN DISPOSE IN SAFE PLACE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. PROTECT CONTAINERS FROM PHYSICAL DAMAGE. DO NOT EXPOSE TO TEMPERATURES ABOVE 130 DEG. F.

Other Precautions:FOR OUTDOOR USE ONLY

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

Respiratory Protection:NONE REQUIRED. FOR OUTDOOR USE ONLY.

Ventilation:NOT APPLICABLE. FOR OUTDOOR USE ONLY.

Protective Gloves:NONE REQUIRED.

Eye Protection:SAFETY GLASSES RECOMMENDED.

Other Protective Equipme

nt:EYE WASH STATION AND SAFETY SHOWER

RECOMMENDED. INDUSTRIAL-TYPE WORK CLOTHING.

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

Supplemental Safety and Health

DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS OR MISTS. DO NOT SPRAY ON PLASTIC OR ASPHALT SURFACES. SPRAY WILL CAUSE DAMAGE TO PLANTS ON CONTACT. FOR OUTDOOR USE ONLY.

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

HCC:V2

Vapor Pres:3660

Spec Gravity:1.26

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AEROSOL CAN WHICH SPRAYS AS HARD JET STREAM WITH ODOR OF PINE OIL AND PYRETHRIN

Percent Volatiles by Volume:85

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES. DO NOT SPRAY INTO OPEN FLAME OR ONTO VERY HOT SURFACES.

Hazardous

Decomposition Products: THERMAL DECOMPOSITION IN OPEN FLAME
MAY RESULT IN HALOGEN ACIDS AND CARBON DIOXIDE.

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

Waste Disposal Methods: AEROSOL CONTAINER IS NOT REFILLABLE. DO NOT
ATTEMPT TO RECHARGE. WHEN CONTAINER IS EMPTY, DISCARD IN SAFE
PLACE. DO NOT PUNCTURE OR THROW IN FIRE. DISPOSAL SHOULD BE MADE IN
ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS.

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