List

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME: WHITMIRE RESEARCH LABORATORIES, INC.	EMERGENCY TELEPHONE NO.: 314-225-5371
ADDRESS (Number, Street, City, State, and ZIP Code): 3568 Tree Court Industrial Blvd., St. Louis, MO 63122	
CHEMICAL NAME AND SYNONYMS: n/a	TRADE NAME AND SYNONYMS: Whitmire PT 565
CHEMICAL FAMILY: n/a	FORMULA: n/a

EPA Reg. No. 499-182AA

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS & Propellants	89.4	318 mg/M³	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Pyrethrins	0.5	5 mg/M³
Technical Piperonyl Butoxide	1.0	50 mg/M³
N-octyl Bicycloheptene Dicarboximide	1.0	UNKNOWN
Refined Petroleum Oil	8.1	348 mg/M³

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	n/a	SPECIFIC GRAVITY (H_2O=1)	0.91
VAPOR PRESSURE (mm Hg.) in aerosol container	3102mmHg	PERCENT, VOLATILE BY VOLUME (%)	~89.5%
VAPOR DENSITY (AIR=1)	n/a	EVAPORATION RATE (_____ =1)	n/a
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): NONE (ASTM Designation D-1310-SST;TAG Open Cup)	FLAMMABLE LIMITS: n/a	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

(Continued on reverse side)

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
226 mg/M^3 (approximate sol'n method)

EFFECTS OF OVEREXPOSURE
Contact dermatitus is the most common manifestation of pyrethrum toxicity in man. A few cases of extrinsic asthma due to pyrethrum mixtures have been reported.

EMERGENCY AND FIRST AID PROCEDURES
Treatment is symptomatic. Antihistimines are of value.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
Indefinite when used according to directions	UNSTABLE		Do not spray into open flame or onto very hot surfaces.
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition in open flame may result in halogen acids and carbon dioxide.

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
If container begins to leak (through puncture, etc.) allow it to discharge completely in a well-ventilated area, then dispose in a safe place. In case of spillage on skin, wash thoroughly with soap and water.

WASTE DISPOSAL METHOD
Aerosol cylinder is not refillable. Do not attempt to recharge. When cylinder is exhausted, discard in safe place. Do not throw into fire.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
None required

VENTILATION	LOCAL EXHAUST	SPECIAL
	None required	None required
	MECHANICAL (General)	OTHER
	None required	None required

PROTECTIVE GLOVES	EYE PROTECTION
None required	None required

OTHER PROTECTIVE EQUIPMENT
None required

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Contents under pressure. Do not puncture. Do not store near heat or open flame. Do not remain in treated areas. Exposure to temperatures above 130°F may cause bursting. Avoid skin contact.

OTHER PRECAUTIONS
Foods or eating utensils should be removed or covered during treatment. Remove pets, birds, and cover fish bowls during treatment. Ventilate area after treatment is completed.