

Spectrum Group
 Division of United Industries
 P. O. Box 15842
 St. Louis, MO 63114

Hazardous Material Identification System – (HMIS)

HEALTH - 1

REACTIVITY - 0

FLAMMABILITY - 0

PERSONAL -

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

I Trade Name: Spectracide® Immunox Plus Insect & Disease Control			
Product Type: Aerosol fungicide and insecticide			
Product Item Number: 51585.2		Formula Code Number: 21-0569/21-0570	
EPA Registration Number	Manufacturer		Emergency Telephone Numbers
9688-122-8845	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		For Chemical Emergency: 1-800-633-2873 For Information: 1-800-332-5553 Prepared by: C. A. Duckworth Date Prepared: November 7, 2000
II Hazards Ingredient/Identity Information			III Physical and Chemical Characteristics
Chemical	%	OSHA PEL	ACGIH TLV
Myclobutanol CAS# 88671-89-0	0.012	NA	NA
Permethrin CAS# 52645-53-1	0.020	NA	NA
Isobutane CAS# 75-28-5	9.000	NE	NE
Propane CAS# 74-98-6	6.000	1000 ppm	NE
Appearance & Odor:	Spray mist with a clear wet film and fragrance.		
Boiling Point:	NA		
Melting Point:	NA		
Vapor Pressure:	120 psig at 54° C/130° F		
Specific Gravity:	1.0 (H ₂ O = 1)		
Vapor Density:	Greater than 1 (Air = 1)		
% Volatile (by vol.):	99%		
Solubility in Water:	Greater than 99%		
Evaporation Rate:	Less than 1 (Butyl Acetate = 1)		
IV Fire and Explosive Hazards Data			V Reactivity Data
Flash Point:	NA - Will not burn		Stability: Stable
Flame Extension:	0-inches (Level 1 Aerosol)		Polymerization: Will not occur
Flammable Limits:	NA		Conditions to Avoid: Temperatures over 130° F
Autoignition Temperature:	NA		Incompatible Materials: NA
Fire Extinguishing Media:	Water fog, Carbon dioxide, Dry chemical		Hazardous Decomposition or Byproducts: NA
Decomposition Temperature:	NA		
Special Fire-Fighting Procedures:	Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans.		
Unusual Fire & Explosion Hazards:	At elevated temperatures (over 54° C/130° F), cans may vent, rupture or burst. Also see Section V.		
VI Health Hazard Data			VII Precautions for Safe Handling and Use
Ingestion (Swallowing):	Harmful if swallowed. First Aid: Consult a physician.		Steps to be Taken in Case Material is Released or Spilled: Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources.
Skin Contact:	Avoid excessive skin contact First Aid: Wash contaminated skin with soap and water.		Waste Disposal: Do not puncture or incinerate containers. Give empty, leaking or full containers to a facility qualified to dispose of pressurized containers.
Eye Contact:	May cause eye irritation First Aid: Flush eyes with plenty of water.		Handling & Storage Precautions: Do not store where temperatures can exceed 54° C/130° F.
Inhalation Toxicity:	Avoid breathing vapors. First Aid: Remove to fresh air.		
Special Notes:	None		
Health conditions Aggravated by Exposure:	None known.		
Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:	None		
VIII Control Measures			IX Transportation Data
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.			DOT Shipping Name: Consumer Commodity DOT Hazard Class: Not Regulated in existing packaging

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