

Spectrum Group  
 Division of United Industries  
 P. O. Box 142642  
 St. Louis, MO 63114-0642

**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 3-in-1 Insect & Disease Control Plus Fertilizer

**Product Type:** Liquid Ready-to-Use fungicide/insecticide/fertilizer

**Product Item Number:** 62325      **Formula Code Number:** 21-0711

EPA Registration Number	Manufacturer	Emergency Telephone Numbers
9688-121-8845	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114	<b>For Chemical Emergency:</b> 1-800-633-2873 <b>For Information:</b> 1-800-917-5438 <b>Prepared by:</b> C. A. Duckworth <b>Date Prepared:</b> January 6, 2003

II Hazards Ingredient/Identity Information				III Physical and Chemical Characteristics	
<b>Chemical</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Appearance &amp; Odor:</b>	Odorless, clear solution.
Myclobutanil CAS# 88671-89-0	0.012	NA	NA	<b>Boiling Point:</b>	>220° F
2-butoxyethanol CAS# 111-76-2	0.110	25 ppm (skin)	25 ppm (skin)	<b>Melting Point:</b>	NA
Permethrin CAS# 52645-53-1	0.020	NA	NA	<b>Vapor Pressure:</b>	NA
				<b>Specific Gravity:</b>	1.0 (H <sub>2</sub> O = 1)
				<b>% Volatile (by vol.):</b>	Greater than 99%
				<b>Solubility in Water:</b>	100%
				<b>Evaporation Rate:</b>	Less than 1 (Butyl Acetate = 1)

IV Fire and Explosive Hazards Data		V Reactivity Data	
<b>Flash Point:</b>	Greater than 200° F	<b>Stability:</b>	Stable
<b>Flammable Limits:</b>	NA	<b>Polymerization:</b>	Will not occur
<b>Autoignition Temperature:</b>	NA	<b>Conditions to Avoid:</b>	None
<b>Fire Extinguishing Media:</b>	Water fog, Carbon dioxide, Dry chemical	<b>Incompatible Materials:</b>	NA
<b>Decomposition Temperature:</b>	NA	<b>Hazardous Decomposition or Byproducts:</b>	NA
<b>Special Fire-Fighting Procedures:</b>	Use procedures for elimination of original fire source.		

VI Health Hazard Data		VII Precautions for Safe Handling and Use	
<b>Eye Contact:</b>	Causes moderate eye irritation. <b>First Aid:</b> Hold eye open and flush with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes then continue rinsing. Call a Poison Control Center for treatment advice. Have the product container with you when calling a Poison Control Center or doctor or going for treatment.	<b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid breathing vapor. Avoid contact with liquid. Soak up with absorbent material.	
<b>Special Notes:</b>	None	<b>Waste Disposal:</b> If empty: Do not reuse container. Plash in trash or offer for recycling if available. If partially filled: Call your local solid waster agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.	
<b>Health conditions Aggravated by Exposure:</b>	None known	<b>Handling &amp; Storage Precautions:</b> Do not store near heat or open flame. Protect from freezing.	
<b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b>	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.		<b>DOT Shipping Name:</b> Not Regulated by DOT <b>DOT Hazard Class:</b> None	

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