

SAFETY DATA SHEET

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

Product Name: Spectracide Immunox Multi-Purpose
Fungicide Spray Concentrate for
Gardens
Phone: 800-917-5438
Items: HG-51000-2
Formula Code: 21-0801

SDS Date: 2/27/15
Product Name: Spectracide Immunox Multi-Purpose Fungicide Spray
Concentrate for Gardens
EPA Reg. No. 9688-123-8845

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

CAS #: Liquid Mixture
Product Use: Fungicide Concentrate

Manufacturer: Chemsico
Div. of United Industries Corp.
P.O. Box 142642
St. Louis, MO 63114

SECTION 2 - HAZARDS IDENTIFICATION

This product is classified according to the Globally Harmonized System (GHS).

ROUTES OF EXPOSURE

Potential short term health effects: Eyes
Eyes: Causes moderate eye irritation.
Skin: No expected reaction.
Inhalation: No expected reaction.
Ingestion: No expected reaction.
Target organs: Eyes
Chronic effects: Prolonged or repeated exposure can cause drying,
defatting and dermatitis.
Signs and symptoms: Symptoms may include redness, edema, drying, defatting
and cracking of the skin.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Composition comments: This product is considered not hazardous under 29 CFR
1910.1200 (Hazard Communication).

**NOTE: No reportable quantities of hazardous ingredients are present per OSHA 29 CFR
1910.1200. No toxic chemical(s) subject to reporting requirements of Section 313 of Title III
and 40 CFR 372 are present.**

ACTIVE COMPONENT	CAS#	PERCENTAGE
Myclobutanil	88671-89-0	1.55%
Ethyl-3-ethoxypropionate	763-69-9	4.25%

OTHER COMPONENT	CAS#	PERCENTAGE
Other	N/A	94.20%

Note: Ingredients not identified are not hazardous.

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SECTION 4 - FIRST AID MEASURES

FIRST AID PROCEDURES

Eye contact:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses after the first 5 minutes then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.
Skin contact:	None required.
Inhalation:	None required.
Ingestion:	None required.
Note to Physician:	Symptoms may be delayed.
General advice:	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable properties:	Not flammable by OSHA criteria.
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SUITABLE EXTINGUISHING MEDIA

Extinguishing media:	Water Fog, Foam, CO ₂ , Dry Chemical
Unsuitable extinguishing media:	Not Available

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Protection of firefighters:	Not Available
Protective equipment for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Hazardous combustion products:	None known

SENSITIVITY TO MECHANICAL IMPACT

Explosion data:	Not Available
Sensitivity to static discharge:	Not Available
Personal precautions:	Keep unnecessary personnel away. Do not touch or walk through spilled material.

HMIS Ratings	Health Hazard 1	Fire Hazard 0	Reactivity 0
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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Methods for containment:	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up:	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or

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absorbent material swept up and placed in suitable, covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

SECTION 7 - HANDLING AND STORAGE

Handling:	Use good industrial hygiene practices in handling this material.
Storage:	Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	General ventilation normally adequate.
EYE / FACE PROTECTION	
Personal protective equipment:	None required
Hand protection:	None required
Skin and body protection:	None required
Respiratory protection:	None required
General hygiene considerations:	Handle in accordance with good industrial hygiene and safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear
Color:	Light yellow to water-white
Form:	Liquid
Odor:	Aromatic solvent (slight)
Odor threshold:	Not Available
Physical state:	Liquid
pH:	5.0
Freezing point:	32°F
Boiling point:	212°F
Flash point:	>200°F
Evaporation rate:	Estimated slower than water
Flammability limits in air, lower, % by volume:	Not Available
Flammability limits in air,	

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upper, % by volume:	Not Available
Vapor pressure:	Not Available
Vapor density:	Not Available
Specific gravity:	1.007
Octanol/water coefficient:	Not Available
Auto-ignition temperature:	Not Available

SECTION 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical stability:	Stable under recommended storage conditions.
Conditions to avoid:	Do not mix with other chemicals.
Incompatible materials:	Avoid strong oxidizers.
Hazardous decomposition products:	None known.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE

Eye:	May cause irritation.
Skin:	Dermal LD ₅₀ > 5000 mg/kg
Inhalation:	LC ₅₀ > 2mg/L (EPA Tox category IV)
Ingestion:	LD ₅₀ > 5000 mg/kg
Sensitization:	Not a skin sensitizer.
Chronic effects/ Carcinogenicity:	Not Available
Mutagenicity:	Not Available
Reproductive effects:	Not Available
Teratogenicity:	Not Available
Ecotoxicity:	Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Environmental effects:	Not Available
Aquatic toxicity:	Not Available
Persistence / degradability:	Not Available
Bioaccumulation / accumulation:	Not Available
Partition coefficient:	Not Available
Mobility in environmental media:	Not Available
Chemical fate information:	Not Available

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SECTION 13 - DISPOSAL CONSIDERATIONS

Waste codes:	Not Available
Disposal instructions:	Dispose in accordance with all applicable regulations.
Waste from residues / unused products:	Not Available
Contaminated packaging:	Not Available

SECTION 14 - TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT):	Not Regulated
IATA:	Not Regulated
IMDG:	Not Regulated

SECTION 15 - REGULATORY INFORMATION

29 CFR 1910.1200 hazardous chemical Occupational Safety and Health Administration (OSHA):	No
CERCLA (Superfund) reportable quantity:	Not Available

HAZARD CATEGORIES

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

Section 302 extremely hazardous Substance:	No
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Section 311 hazardous chemical:	No
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Clean Air Act (CAA):	Not Available
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Clean Water Act (CWA):	Not Available
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State regulations:

INVENTORY STATUS

Inventory Country(s) or region name on inventory (yes/no)*:	N/A, Regulated by EPA
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Disclaimer:	Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so
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stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

SECTION 16 - OTHER INFORMATION

Issue date:	2/27/15
Prepared by:	United Industries Corp. (800) 242-1166