



# SAFETY DATA SHEET

Trade name: Shield All Plus  
Product No: 64413

Print date: 7/9/2018

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name: Shield All Plus**                      **Product Number: 64413**

**Product Use: Insecticide, Miticide and Fungicide**

**Product Type: Emulsifiable Concentrate**

**EPA Number: 70051-111-56872**

**EPA Establishment Number: 56872-OH-001**

**Active Ingredients: Clarified Hydrophobic Extract of Neem Oil Pyrethrins**

**CAS Number:                      94173-77-5  
    8003-34-7**

**Manufacturer Name and Address: Gardens Alive 230 Mary St., Greendale IN 47025**

**Emergency Phone Numbers: (513) 354-1483**

## SECTION 2: HAZARDS IDENTIFICATION

### **Classification Of the Substance Or Mixing**

Hazard Classification: Not classified as hazardous by OSHA

EPA Signal Word: Caution (refer to section 15)

Hazard Statement: None

Pictogram: None

Precautionary Statement: Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or using toilet. Remove and wash contaminated clothing before use.

Other Hazards: Do not use or store near heat or flame.

Description: Not required

Ingredients: None.

Permissible Exposure Limits: OSHA PEL for respirable dust is 5 mg/m<sup>3</sup> and total dust is 15 mg/m<sup>3</sup>.

Recommended: PEL:                      Respirable Dust: 5 mg/m<sup>3</sup>                      Total Dust: 15 mg/m<sup>3</sup>



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### SECTION 3. HAZARDOUS INGREDIENTS / IDENTIFICATION INFORMATION

<u>Ingredient</u>	<u>CAS#</u>	<u>% by weight</u>
Clairified Hydrophobic Extract of Neem Oil	94173-77-5	70
Pyganic MUP 20	8003-34-7	1.25

### SECTION 4: FIRST AID MEASURES

Generic Measures:	Call Poison Control Center or doctor for treatment for advice. Have the product container or label with you when calling the poison control center or doctor or going for treatment.
Eye Contact:	Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses after 5 minutes if present and continue rinsing eye. Call poison control center or doctor for treatment advice.
Skin Contact:	Remove contaminated clothing and rinse skin with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.
Inhalation:	Move person to fresh air. If person is not breathing, call 911 or an Ambulance, then give artificial respiration preferably mouth to mouth if Possible. Call poison control center or doctor for treatment advice.
Ingestion:	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if they are able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

### **Most Important Symptoms and Effects, Both Acute and Delayed**

Eye and skin irritation.

### **Indication Of Any Immediate Medical Attention and Special Treatment Needed**

None known.



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### SECTION 5: FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** Dry chemical, foam, carbon dioxide  
**Unsuitable Extinguishing Media:** Water  
**Hazard Combustion Products:** None known  
**Protection of Firefighters:** not determined

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**For Non-Emergency Personnel:** None specified  
**For Emergency Responders:** None specified

#### **Environmental Precautions:**

This product is toxic to fish and aquatic organisms. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage areas.

This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

#### **Methods and material for containment and cleaning up:**

**Methods for Containment:** Do not use in a manner that would allow drift or rinse water from equipment cleaning to contaminate water sources or supplies.  
**Methods for Clean-Up:** None specified  
**Other Information:** None

#### **Reference to other sections:**

See Section 8 for occupational exposure limits and risk management measures. Refer to Section 13 for disposal considerations.



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## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for safe handling:**

Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or using toilet. Remove and wash contaminated clothing before reuse.

### **Conditions for safe storage, including any incompatibilities:**

Keep in original container. Store in a dry place, away from direct sunlight, feed, or foodstuffs. Keep container tightly sealed when not in use. Do not store below 40°F (4°C). Do not store diluted solutions for later use.

### **Specific end use(s):**

Use only as specified on label.

## **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Control parameters**

<b>OSHA Permissible Exposure Limits (PELs):</b>	Not determined
<b>ACGIH Threshold Limit Values:</b>	Not determined
<b>Other Exposure Limits:</b>	Not determined
<b>8.2. Exposure controls Engineering Controls:</b>	None specified

### **Personal Protective Equipment**

<b>Eye/Face Protection:</b>	Not specified
<b>Skin Protection</b>	None specified
<b>Hand Protection:</b>	None specified
<b>Body Protection:</b>	None specified
<b>Respiratory Protection:</b>	None specified
<b>Thermal Hazards:</b>	None known

### **General Hygiene Considerations:**

Avoid contact with skin, eyes or clothing.  
Wash Thoroughly with soap and water after handling and before eating, drinking, chewing gum or using Tobacco. Remove and wash contaminated clothing before reuse.



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### Environmental exposure controls:

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Brown translucent liquid
<b>Physical State:</b>	Liquid
<b>Odor:</b>	Citrus/garlic
<b>Odor Threshold:</b>	Not determined
<b>PH: 1% Dilution:</b>	6.46-7.14
<b>Melting/Freezing Point:</b>	37° F (3°C)
<b>Initial Boiling Point:</b>	> 275°F
<b>Boiling Range:</b>	Not determined
<b>Flash Point:</b>	72°C ±0.2
<b>Evaporation Rate:</b>	Not determined.
<b>Flammability (solid, sas):</b>	Not determined



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<b>Upper and Lower Flammability Limits:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Volatility By Weight:</b>	23.75%
<b>Density:</b>	7.606 ± 0.5 lb./gal.
<b>Solubility:</b>	Not determined
<b>Partition Coefficient (n-octanol/water):</b>	Not determined
<b>Auto-Ignition Temp:</b>	Not determined
<b>Decomposition Temp:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Explosive Properties:</b>	None known
<b>Oxidising Properties:</b>	None known
<b>Other Information:</b>	Not available

### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	None known
<b>Chemical Stability:</b>	Stable
<b>Possibility of Hazardous Reaction:</b>	None known.
<b>Conditions To Avoid:</b>	Low temperatures, open flames
<b>Incompatible Materials:</b>	None known
<b>Hazardous Decomposition Products</b>	None known



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### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information On Toxicological Effects

##### Acute Toxicity:

LD<sub>50</sub> (oral): >5000 mg/kg, study with product containing 90% neem oil

LD<sub>50</sub> (dermal): >2000 mg/kg, study with product containing 90% neem oil

LC<sub>50</sub> (inhalation): >6.17 mg/L, study with product containing 90% neem oil

Skin Irritation: Non-irritating, Toxicity Category IV

Eye Irritation: Mildly irritating, Toxicity Category IV

Respiratory or Skin Sensitization: Mild sensitizer, study conducted with product containing 90% neem oil.

#### Other Information ON Adverse Health Effects:

##### Carcinogenicity

NTP Listed: N/A

IARC Listed: N/A

OSHA: N/A

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

This product is toxic to fish and aquatic organisms. This product is toxic to bees when exposed to direct treatment.

Persistence and Degradability: Neem oil degrades rapidly and does not persist in the environment.

Bio Accumulative Potential: Neem oil is not intended for use in aquatic environments. Appropriate cautions are required for use around bodies of water.

Mobility In Soil: No data available

Other Adverse Effects: No data available

### SECTION 13: DISPOSAL CONSIDERATION

**Pesticide Storage:** Do not store diluted solutions for later use.



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*Pesticide Disposal and Containing Handling:* Nonrefillable container. Do not reuse or refill this container.

- for container sizes less than 5 gallons-

If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never placed unused product down any indoor or outdoor drain.

- for container sizes greater than 5 gallons-

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

### **SECTION 14: TRANSPORT INFORMATION**

UN Number: Not regulated

Transport Hazard Class: Not regulated

Environmental Hazards: Not regulated

UN Proper Shipping Name: Not regulated

Packing Group: Not regulated

Special Precautions for User: not regulated

Transport In Bulk According To Annex II Of MARPOL73/78 And The IBC Code: not regulated

### **SECTION 15: REGULATORY INFORMATION**

**EPA:** This product is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticidal chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

**CAUTION, KEEP OUT OF REACH OF CHILDREN**

Harmful if swallowed, inhaled, or absorbed through the skin.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

This pesticide is toxic to fish and aquatic organisms.

This product is toxic to bees exposure to direct treatment.





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OSHA: N/A

TSCA Status: Exempt

CERCLA Reportable Quantity: N/A

SARA Title III:

Section 302: N/A

Section 311/312: N/A

Section 313: N/A

RCRA Status: N/A

### **SECTION 16: OTHER INFORMATION**

**MANUFACTURER DISCLAIMER:** The information contained herein is, to the best of the manufacturer's knowledge and belief, accurate and reliable as of the date of the preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the manufacturer shall not be liable for any loss or damage arising out of the use thereof. In addition, the manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

**NOTICE:** How this product is used is very important and beyond the control of the seller. The buyer assumes all risks for any use beyond those described on the label or for any use under abnormal conditions.