

Certis U.S.A., LLC  
9145 Guilford Road, Suite 175  
Columbia, Maryland 21046

**EMERGENCY TELEPHONE NUMBER**

CHEM•TEL (800) 255-3924  
Outside North America Call Collect (813) 248-0585

**PRODUCT INFORMATION**

Trade Name: Neemazad 1% EC, *syn.* CX-3150  
Description: Insect Growth Regulator / Botanical Extract Insecticide  
Active Ingredients: 1.0 Wt % Azadirachtin  
Inert Ingredients: Proprietary solvent / surfactant blend

|                         |                                    |            |                 |
|-------------------------|------------------------------------|------------|-----------------|
| CAS Number:             | 11141-17-6                         | OSHA PEL:  | Not Established |
| DOT Shipping Name:      | NA                                 | ACGIH TLV: | Not Established |
| DOT Hazard Class:       | Not Regulated                      |            |                 |
| Technical Shipping Name | Insecticides, Other than<br>Poison |            |                 |

**PHYSICAL DATA**

|                   |                       |                   |                                   |
|-------------------|-----------------------|-------------------|-----------------------------------|
| Boiling Point:    | > 200°C               | Density:          | 8.199 pounds gallon <sup>-1</sup> |
| Vapor Pressure:   | Not Determined        | Evaporation Rate: | Not Determined                    |
| Vapor Density:    | Not Determined        | Odor:             | Soap-like                         |
| Water Solubility: | Emulsifiable in water | Appearance:       | Brown liquid                      |

**HEALTH HAZARDS / EFFECTS**

|  |                                       |
|--|---------------------------------------|
| Hazard Statements:                         | CAUTION Keep out of Reach of Children |
| Exposure Signs and Symptoms:               | Unknown                               |
| Medical Conditions Aggravated by Exposure: | Unknown                               |
| Threshold Limit Value:                     | Unknown                               |
| Routes of Entry:                           | Eyes, skin, oral, inhalation          |
| NTP Listing:                               | Not Listed                            |
| Carcinogen:                                | No                                    |

**EMERGENCY AND FIRST AID PROCEDURES**

|             |   |
|-------------|---|
| Skin:       | Wash with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.                          |
| Eyes:       | Immediately flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation persists. |
| Inhalation: | Remove victim to fresh air. Get medical attention if irritation persists.   |



Ingestion: Call a physician or poison control center. Do not induce vomiting.

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### HEALTH PROTECTION MEASURES

|                         |   |
|-------------------------|---|
| Respiratory Protection: | NIOSH approved organic vapor respirator.  |
| Ventilation:            | Use under well ventilated conditions.   |
| Protective Clothing:    | Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves.   |
| Eye Protection:         | Safety goggles recommended.   |
| Hygienic Practices:     | Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. |

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### FIRE AND EXPLOSION HAZARD DATA

|                      |                    |      |    |
|----------------------|--------------------|------|----|
| Flash Point:         | >200°C             | LEL: | NA |
| Flammable Limits:    | Not Determined     | UEL: | NA |
| Extinguishing Media: | Foam, Dry Chemical |      |    |

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### REACTIVITY DATA

|                           |                |                     |                                     |
|---------------------------|----------------|---------------------|-------------------------------------|
| Hazardous Decomposition:  | None known     | Stability:          | Stable                              |
| Hazardous Polymerization: | Will not occur | Condition to Avoid: | Open flame, temperatures above 95°F |

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### SPILL, DISPOSAL, AND STORAGE PROCEDURES

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|---|--|
| If Material is Spilled or Released:     | Recover free product. Use absorbent material to minimize runoff of mixed product.  |
| Waste Disposal Method:                  | This product may be hazardous to fish and aquatic invertebrates. Do not contaminate water when cleaning equipment or disposing of equipment wash waters. Rinse water and unused diluted product may be disposed on site or in an approved waste disposal facility. |
| Method of Storage                       | Do not store above 95°F  |
| Person to be Contacted if Spill Occurs: | State extension or Experiment Station Specialist. If significant spill occurs, contact CHEM•TEL (800) 255-3924.  |

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|-------------------|-----------------|
| Reason for Issue: | New product     |
| Approval Date:    | October 4, 2006 |
| Supersedes Date:  | NA              |

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with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

