

**MATERIAL SAFETY DATA SHEET**  
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**READY TO USE GARDEN GUYS GARDEN-NEEM**  
**INSECTICIDE – FUNGICIDE**

**SECTION 1: PRODUCT IDENTIFICATION**

PRODUCT NAME: Ready to Use Garden Guys Garden-Neem Insecticide - Fungicide

EPA #: 70191 - 2

COMMON NAME OF ACTIVE INGREDIENT: Potassium salts of C<sub>12</sub> – C<sub>18</sub> fatty acids (partially derived from Neem seed oil)

CHEMICAL NAME: Potassium salts of C<sub>12</sub> – C<sub>18</sub> saturated & unsaturated aliphatic carboxylic acids

MOLECULAR FORMULA: Trade Secret

CAS NUMBERS: Trade Secret

PERCENT ACTIVE INGREDIENT: 1.5 %

PERCENT INERT INGREDIENTS: about 0.025 % d-limonene, 0.4 % ethanol, 98 % water

DESCRIPTION: An insecticidal soap derived from cold pressed neem seed oil

**SECTION 2: HAZARDOUS COMPONENTS**

*None of the ingredients in this product are listed as carcinogenic by NTP, IARC or OSHA  
This formulation does not contain any VOC (volatile organic compounds)*

**SECTION 3: PHYSICAL DATA**

APPEARANCE: Amber liquid with light citrus scent

SOLUBLE IN WATER: Yes

BOILING POINT: 98° C @ 760 mmHg

MELTING POINT: < 4° C

VAPOR PRESSURE: Not applicable

SPECIFIC GRAVITY: 0.989

PH: 10.1 @ 20 – 25 ° C

**SECTION 4: FIRE AND EXPLOSION DATA**

FLASH POINT: > 158° C

METHOD: Closed cup

EXTINGUISHING MEDIA: Not applicable

SPECIAL FIRE FIGHTING PROCEDURES: None required

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

**SECTION 5: REACTIVITY DATA**

HAZARDOUS DECOMPOSITION PRODUCT: None likely

INCOMPATIBILITY: Concentrated mineral supplements, reactive metals and oxidizing agents

STABILITY: Stable under normal conditions avoid temperature extremes

HAZROUS POLYMERIZATION: None likely

**SECTION 6: HEALTH HAZARDS**

PRIMARY ROUTE OF ENTRY: Dermal

EXPOSURE LIMIT: No OSHA TLV

EYE CONTACT: Mild irritant avoid contact.

CORROSIVITY: Non - Corrosive

EFFECTS OF OVER EXPOSURE: Irritation to skin & mucous membranes

**READY TO USE GARDEN GUYS GARDEN-NEEM**

## INSECTICIDE - FUNGICIDE

SENSITIZATION: Not a sensitizer

TOXICITY: None of the components of this product are listed as carcinogenic (NTP, OSHA)

ACUTE STUDIES:

Oral LD<sub>50</sub> (Rat) > 16,900 mg / kg (low toxicity)

Dermal LD<sub>50</sub> (Rabbit) > 5000 mg / kg (low toxicity)

Inhalation: Not an acute inhalation hazard

Eye Irritation (Rabbit) Reversible corneal irritation in un-rinsed eyes

### **SECTION 7: FIRST AID PROCEDURES**

SKIN: Wash hands after use. If irritation occurs / persists consult with physician.

EYES: Flush eyes with cool water and consult physician.

INGESTION: Give demulcent (milk)

INHALATION: Remove to fresh air consult physician if problem occurs.

### **SECTION 8: PERSONAL PROTECTION / SPILL & DISPOSAL PROCEDURES**

EYES: Goggles should be worn if possibility of splashing exists.

GLOVES: Waterproof gloves recommended for repeated or prolonged exposure.

RESPIRATORY: Ensure good ventilation respiratory protection should not be necessary.

CLOTHING: Wear pants, shirt, shoes and socks

IF SPILLED: Contain leaking fluid with absorbent material, then place in container for disposal

DISPOSAL METHOD: Spills, rinsates and leftover pesticide must be disposed of according to federal, state and local procedures

### **SECTION 9: SPECIAL PRECAUTIONS**

Keep in original container, tightly closed in a safe place.

Empty container completely, triple rinse and dispose of safely according to law.

Wash contamination from skin & eyes immediately

Remove heavily contaminated clothing and wash

Wash hands and exposed skin before eating, drinking and smoking

Do not apply to lakes, ponds or streams

Do not contaminate waterways by cleaning of equipment

### **SECTION 10: SHIPPING REGULATIONS**

FREIGHT CLASSIFICATION: Insecticides or fungicides other than poisons (CLASS 60)

DOT LABELS REQUIRED: None

SARA TITLE III HAZARD CLASSIFICATION:

Immediate (acute) health: No

Delayed (chronic) health: No

Fire: No

Sudden Release of Pressure: No

Reactive: No

NATIONAL FIRE PROTECTION ASSOCIATION RATING:

Health 1

Flammability 0

Reactivity 0

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