

TRIACT® 70

EPA Registration Number: 70051-2-59807

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name: TRIACT® 70
EPA Registration No.: 70051-2-59807
Product type: Emulsifiable Concentrate
Active Ingredient: Clarified Hydrophobic
 Extract of Neem Oil
CAS No.: 947173-77-5

Relevant identified uses of the substance or mixture and uses advised against

Identified uses:: Insecticide, Miticide and Fungicide
Uses advised against: All uses not listed on the label
Company information: OHP, Inc.
 PO Box 746
 Bluffton, SC 29910-0746
 (800) 659-6745

Emergency telephone number

TRANSPORTATION EMERGENCY (24 hours a day) call: Chemtrec: 1-800-424-9300
MEDICAL EMERGENCY (24 hours a day) and Product Information call: 1-800-356-4647
SDS Information or Request.: ohp.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Hazard Classification: Not classified as hazardous by OSHA
EPA Signal Word: Caution* (refer to section 15)
Hazard Statements: None
Pictogram: None
Precautionary Statements: Harmful if absorbed through the skin. Causes moderate eye irritation. 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.
Other Hazards: Do not use or store near heat or flame.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Ingredient	CAS#	% by weight
Clarified Hydrophobic Extract of Neem oil	947173-77-5	70

4. FIRST AID MEASURES

Description of first aid measures

Generic measures: Call poison control center or doctor for treatment advice. Have the product container or label with you when you 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.
Skin Contact.: Remove contaminated clothing and wash with plenty of water for 15-20 minutes.
Inhalation: Call poison control center or doctor for treatment advice.
Ingestion.: Call poison control center or doctor for treatment advice.
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

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media.: Dry chemical, foam, carbon dioxide
Unsuitable Extinguishing Media.: water

Special hazards arising from the substance or mixture

Hazardous combustion products: None known
Advice for firefighters
Protection of Firefighters: Not determined

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

.....: Same as applicators and handlers* see section 8

For emergency responders

.....: Same as applicators and handlers* see section 8

Environmental precautions

This product is hazardous to fish and aquatic vertebrates. For terrestrial uses: Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark.

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.

7. HANDLING AND STORAGE

Precautions for safe handling

The following equipment should be worn by handlers, applicators

Long sleeved shirt, long pants,
Chemical resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, or poly vinyl chloride)
Shoes plus socks

Follow manufactures instructions for cleaning and maintaining PPE. If no such instructions for washables use detergent and hot water. Keep and wash PPE separately from other laundry

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).

Specific end use(s): Use only as specified on label.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OSHA Permissible Exposure Limits (PELs)

.....: Not determined

ACGIH Threshold Limit Values

.....: Not determined

Other Exposure Limits: Not determined

Exposure controls

Engineering Controls: None specified

Personal Protective Equipment

Eye/Face Protection: Not specified

Skin Protection: Long pants, long sleeved shirt, socks and shoes

Hand Protection: chemical resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, or poly vinyl chloride)

Body Protection: Coveralls

Respiratory Protection: None specified

Thermal Hazards: None specified

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.

Environmental exposure controls

.....: For terrestrial use only: Do not apply directly to water or to areas where surface water is present, or to inter tidal areas below the mean high water mark. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

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9. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES
Information on basic physical and chemical properties

Appearance: Brown liquid
Odour: Citrus/garlic
Odour Threshold: Not determined
pH 1% dilution: 4.5-6.5
Melting Point / Freezing Point: 37°F (3°C)
Initial Boiling Point: >275° F
Boiling Range: Not determined
Flash Point:: 140°F (60°C)
Evaporation Rate: Not determined
Flammability (solid, gas): Not applicable
Lower & Upper Flammability Limits: Not applicable
Vapour Pressure: Not determined
Volatility by weight: 25%
Density: 0.86-0.95 g/ml
Solubility: Not determined
Partition Coefficient (n-octanol/water): Not determined
Auto-ignition Temperature: Not determined
Decomposition Temperature: Not determined
Viscosity: Not determined
Explosive Properties: None known
Oxidising Properties: None known
Other information: Not available.

10. STABILITY AND REACTIVITY

Reactivity: None known
Chemical stability: Stable
Possibility of hazardous reactions: None known
Conditions to avoid: Low temperatures
Incompatible materials: None known
Hazardous decomposition products: None known

11. TOXICOLOGICAL INFORMATION
Information on toxicological effects
Acute Toxicity
Toxicological information on the substance or mixture

LD₅₀ (oral): > 5000 mg/kg (test with similar product containing higher concentration of the same active ingredient)

LD₅₀ (dermal): > 2000 mg/kg (test with similar product containing higher concentration of the same active ingredient)

LC₅₀ (inhalation): > 6.17 ± 1.23 mg/L (test with similar product containing higher concentration of the same active ingredient)

Skin corrosion / irritation: Slightly irritating, Toxicity Category IV (test with similar product containing higher concentration of the same active ingredient)

Eye irritation: Minimally irritating, Toxicity Category III (test with similar product containing higher concentration of the same active ingredient)

Respiratory or skin sensitization: Mildly sensitizing (test with similar product containing high concentration of the same AI)

Other information on adverse health effects:
Carcinogenicity

NTP Listed: Not applicable

IARC Listed: Not applicable

OSHA: Not applicable

Reference to other sections

See Section 4 for symptoms and acute and delayed effects.

12. ECOLOGICAL INFORMATION
Toxicity

Test species	Test method	Test substance	LC ₅₀
Bobwhite Quail	14-day acute oral	Active Ingredient	LD ₅₀ > 2,150 mg a.i./kg body weight
<i>Pimephales promelas</i> (Fathead Minnow)	96-hour	Active Ingredient	NOEC 96-hour: 2,000 mg/L
<i>Daphnia magna</i>	48-hour	Active Ingredient	NOEC 48-hour: 2,000 mg/L
<i>Apis mellifera</i> L	This product is highly toxic to bees exposed to direct treatment. Do not apply when bees are actively visiting the treatment area.		

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

Bioaccumulative 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.

- for containers greater than 5 gallons-

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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 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 or 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.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal Instructions: Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: 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).

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container.

- for containers equal to or less than 5 gallons-

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as following: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. 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.

14. TRANSPORTATION INFORMATION

UN number: Not regulated.

UN proper shipping name: Not regulated.

Transport hazard class(es): Not regulated.

Packing group: Not regulated.

Environmental hazards: Not regulated.

Special precautions for user: Not regulated.

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15. REGULATORY INFORMATION

Safety, health and environmental regulations/ legislation specific for the substance or mixture

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 absorbed through the skin. Causes moderate eye irritation.

This product is hazardous to fish and aquatic invertebrates.

This product is highly toxic to bees exposed to direct treatment.

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

16. OTHER INFORMATION

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither OHP, Inc. nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

SDS Authoring Information:

Revision date: October 3, 2017

Reason for Revision: OSHA Hazard Communication Standard 2012

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