



MATERIAL SAFETY DATA SHEET

Eco-Mite Concentrate Miticide

Date of Issue: Jan 2012 Product No. 1 Quart 040-7005, 1 Gallon 040-7020

Arborjet, Inc.

99 Blueberry Hill Rd

Woburn, MA 01801

In Case of Emergency, CHEM-TEL 1-800-255-3924

Product Information: 781-935-9070

Section 1: Product Identification

Product Trade Name: Eco-Mite Concentrate
EPA Signal Word: NA
Active Ingredient (% w/w): Citronella Extract & Rosemary Oil
Chemical Name: Natural Miticide-Insecticide, Liquid
Chemical Class: Blend of natural plant oil extracts
EPA Registration Number: NA

Section 2: Composition/Information on Ingredients

| Ingredient name | % by wt. | CAS# | Exposure Limit |
|-----------------|----------|------|----------------|
|-----------------|----------|------|----------------|

Active Ingredients:

| | | | |
|----------------------------|-------|-----------|------------------|
| Citronella, Citronella oil | 15.0% | | None established |
| Rosemary Oil | 10.0% | 8000-25-7 | None established |

Inert Ingredients:

| | | | |
|-------------------|--------|-----------|------------------|
| Isopropyl alcohol | 11.0% | 67-63-0 | See below |
| Soap | 20.0% | | None established |
| De-ionized Water | 44.0 % | 7732-18-5 | None established |

| Chemical | CAS NO. | % | TLV OR PEL |
|----------|---------|---|------------|
|----------|---------|---|------------|

| | | | |
|-------------------|---------|--------|--------------------------|
| Isopropyl alcohol | 67-63-0 | 11.0 % | TWA: 200 STEL: 400 (ppm) |
|-------------------|---------|--------|--------------------------|

from ACGIH (TLV) [United States] [1999] TWA: 400 STEL: 500 (ppm) from OSHA (PEL) [United States] TWA: 980 STEL: 1225 (mg/m3) from OSHA (PEL) [United States] Consult local authorities for acceptable exposure limits.

Section 3: Hazards Identification

Opaque pale yellow liquid with an herb scent.

Prolonged exposure to this product may cause skin irritation, eye/nasal irritation, dizziness, headache or nausea. This product is not flammable.

HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 2 ENVIRONMENT: 0
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Section 4: First Aid

Eye Contact: Flush with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician if irritation persists.

Skin Contact: Wash exposed area with soap and water for at least 15 minutes. Remove contaminated clothing. Get medical attention if irritation persists.

Ingestion: Rinse mouth out with water. Call a doctor or get medical attention as soon as possible. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Section 5: Fire Fighting Measures

Flash Point: 62° C (144° F)

Test Method: Cleveland Open Cup

LEL Flammable Limits: not tested

UEL Flammable Limits: not tested

Autoignition Temperature: not tested

Flammability Classification: Class IIIA, combustible liquid

Known Hazardous Products of Combustion: none known

Properties that Initiate/Contribute to Intensity of Fire: sparks, open flame

Potential For Dust Explosion: none

Potential For Release of Flammable Vapors: slight to moderate

Unusual Fire & Explosion Hazards: none known

Product Name: Eco-Mite Concentrate

Manufactured by: Arborjet, Inc.

Extinguishing Media: dry chemical powder or water spray

Special Firefighting Procedures:

Section 6: Accidental Release Measures

Containment:

Prevent product spillage from entering drinking water supplies or streams.

Clean Up:

Collect liquid or absorb onto absorbent material and package for disposal.

Evacuation:

Not necessary.

Section 7: Handling and Storage

Storage: Keep away from heat and open flame. Keep from freezing,

Work/Hygienic Practices: Keep out of reach of children.

Section 8: Exposure Controls/ Personal Protection

Eyes: Protective eyewear

Skin: Disposable gloves, such as nitrile

Respiratory: Use in well ventilated areas

Ventilation: Use in well ventilated areas

Section 9: Physical and Chemical Properties

Appearance: Amber liquid

Odor: Herbal mint scent.

pH: 9.83 at 25°C

Vapor Pressure: NA

Vapor Density (Air=1): NA

Boiling Point: NA

Freezing Point: NA

Water Solubility: fully miscible in water

Density: 0.99 at 21°C

Evaporation Rate: NA

Viscosity: NA

% Volatile: NA

Octanol/Water Partition Coefficient: NA

Saturated Vapor Concentration: NA

Section 10: Stability and Reactivity

Stability: Stable.

Conditions To Avoid: heat, ignition sources, incompatible materials

Incompatibility: reactive with oxidizing agents

Hazardous Decomposition Products: none known

Hazardous Polymerization: none known

Section 11: Toxicology Information

Acute Effects: Slightly hazardous in case of ingestion, inhalation. Irritating in case of skin contact.

Eyes: May cause eye irritation.

Skin: May cause slight irritation.

Ingestion: May cause stomach ache, headache and/or nausea.

Inhalation: May cause headache and/or nausea

Subchronic Effects: not known

Chronic Effects: not known

Section 12: Ecological Information

While specific data regarding toxicity to fish or other aquatic organisms is not available for this product, care should always be taken to prevent insecticides from entering aquifers.

Section 13: Disposal Considerations

Applicators must dispose of any unused product as the label indicates.

Disposal Methods: Do not reuse original product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

Section 14: Transport Information

DOT Shipping Name: Not Regulated

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Technical Shipping Name: NA
DOT Hazard Class: NA
DOT Identification Number: NA
Other information: Insecticides or Fungicides, Liquid

Section 15: Regulatory Information

NFPA Ratings: Health: 1, Reactivity: 0, Flammability: 2, Environment: 0
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

TSCA: All ingredients in this product are either listed or excluded from the TSCA Inventory.

SARA Title III: This product does not contain any ingredients subject to Section 313 (40 CFR 372) reporting requirements.

Section 16: Other Information

For any non-emergency questions about this product call: 1-781-935-9070

Original Date of Issue: 01/15/2013

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, either expressed or implied, is made with respect to the information contained herein.