# Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)



## SECTION 1: Identification

### Product Identifier

**Product Name:** Endomite

**Product code:** EPA Reg. No.: 91234-33

**Recommended Use of the Chemical and Restrictions on Use:**

**Recommended Uses:** Liquid miticide

**Restrictions on Use:** Any use other than specified above.

**Manufacturer or Supplier Details**

**Manufacturer:**
**United States**
Atticus, LLC
940 NW Cary Parkway
Suite 200
Cary, North Carolina 27513
(984) 465-4754

**Emergency Telephone Number:**

**For Chemical Emergency**
CHEMTREC
1-800-424-9300 (24 hours)
+1-703-527-3887 (24 hours)
Collect calls accepted

**For Emergency Medical Treatment Information**
SAFETYCALL
1-844-685-9173 (24 hours)

## SECTION 2: Hazard Identification

**Classification of the chemical in accordance with paragraph (d) of § 1910.1200:**

Flammable liquids, category 3
Acute toxicity (inhalation), category 2
Acute toxicity (oral), category 4
Skin corrosion, category 1
Serious eye damage, category 1
Carcinogenicity, category 2
Reproductive toxicity, category 2
Specific target organ toxicity - single exposure, category 3, narcotic effects
Acute aquatic hazard, category 1
Chronic aquatic hazard, category 1

**Label elements**

**Hazard Symbol(s):**



**Signal Word:** Danger

**Hazard statement(s):**

H226 Flammable liquid and vapor
H330 Fatal if inhaled
H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H351 Suspected of causing cancer
H361 Suspected of damaging fertility or the unborn child
H336 May cause drowsiness or dizziness
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

**Precautionary Statement(s):**

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharge.
P280 Wear protective gloves, protective clothing and eye protection.
P271 Use only outdoors or in a well-ventilated area.
P270 Do not eat, drink or smoke when using this product.
P260 Do not breathe mist, vapours or spray.
P284 In case of inadequate ventilation wear respiratory protection.
P273 Avoid release to the environment.
P264 Wash any exposed skin thoroughly after handling.
P308+P313 If exposed or concerned: Get medical advice/attention.
P312 Call a poison center/doctor if you feel unwell.
P370+P378 In case of fire: Use agents recommended in Section 5 for extinction.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).
P363 Wash contaminated clothing before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P320 Specific treatment is urgently needed (see Sections 4-8 of this SDS and any supplemental information on the product label).
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.
P391 Collect spillage.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents and container in accordance with federal, state and local regulations.

**Hazards Not Otherwise Classified:** None

## SECTION 3: Composition/Information on Ingredients

**Endomite**

| Identification | Name | Weight % |
|---|---|---|
| CAS Number: 2312-35-8 | Propargite | 69.6 |
| CAS Number: 67-63-0 | Propan-2-ol | 1-3 |
| CAS Number: 64742-94-5 | Solvent naphtha (petroleum), heavy arom. | 1-3 |
| CAS Number: 91-20-3 | Naphthalene | 0.1-1 |

**Additional information:**

NOTE: Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

## SECTION 4: First Aid Measures

### Description of Necessary Measures

#### General Notes:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information. For Chemical Emergency: spill, leak, fire, exposure or accident, call CHEMTREC day or night within USA and Canada at 1-800-424-9300 or +1-703-527-3887 (collect calls accepted)
Show this Safety Data Sheet to the doctor in attendance. This product is toxic by one or more routes of exposure (inhalation, ingestion, skin contact). Take precautions to ensure your own safety before attempting rescue. Wear appropriate safety eyewear, gloves, protective clothing and respiratory protection to prevent exposure. See Section 8 of this SDS for personal protective equipment recommendations. Do not use the mouth to mouth method if victim has ingested or inhaled the product. Give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper device

#### After Inhalation:

Treatment is urgent. Seek emergency medical treatment. If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration

#### After Skin Contact:

Treatment is urgent. Seek emergency medical treatment. Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse

#### After Eye Contact:

Immediately rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. Seek immediate medical attention, preferably from an ophthalmologist

#### After Ingestion:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention

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

#### Acute Symptoms and Effects:

Product is flammable. Exposure to sources of ignition may cause physical injury
Eye contact may result in irritation, redness, pain, inflammation, itching, burning, tearing, corneal damage and loss of vision

Inhalation may have adverse effects on the central nervous system. Symptoms may include drowsiness, dizziness, headache, nausea and lowering of consciousness. Acute overexposure via inhalation may result in respiratory distress, confusion and unconsciousness
Acute oral exposure may lead to dizziness, drowsiness, headache, breathing difficulties, nausea, vomiting, abdominal pain, and lowering of consciousness. Adverse effects are dependent on exposure (dose, concentration, contact time)
Acute inhalation exposure may lead to depression of the central nervous system. Symptoms include dizziness, drowsiness, headache, breathing difficulties, nausea, vomiting, abdominal pain, and lowering of consciousness. Exposure far above any stated OELs may result in respiratory depression, unconsciousness and death. Adverse effects are dependent on exposure (dose, concentration, contact time)
Exposure to skin may result in redness, pain, burning, inflammation and tissue damage. Exposure to eyes may result in irritation, redness, pain, inflammation, itching, burning and tearing. Exposure via inhalation may result in cough, sore throat, burning sensation and shortness of breath. Exposure via ingestion may result in burns of the mouth and throat, abdominal pain, burning sensation in the throat and chest, nausea, vomiting, shock or collapse

**Delayed Symptoms and Effects:**

Suspected of causing cancer. Effects are dependent on exposure (dose, concentration, contact time)
Long term exposure may affect fertility. Symptoms include, but are not limited to: menstrual problems, altered sexual behavior/fertility/ and pregnancy outcome. Long term exposure may also affect development of the unborn child. Symptoms include, but are not limited to: intrauterine growth retardation, pre-term birth, birth defects and postnatal death
Symptoms of exposure may be delayed
Effects are dependent on exposure (dose, concentration, contact time)

**Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary**

**Immediate Medical Attention:**

Skin/eye burns require immediate treatment
Overexposure via inhalation requires urgent medical treatment
Exposure to this product via inhalation contact requires emergency medical treatment
In case of eye contact, seek prompt medical attention while rinsing is continued
In case of skin contact, seek prompt medical attention while rinsing is continued
In case of ingestion, seek prompt medical attention

**Special Treatment:**

No additional information.

**Notes for the Doctor:**

Treat symptomatically
Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage

## SECTION 5: Firefighting Measures

**Extinguishing Media**

**Suitable Extinguishing Media:**

Dry chemical, $CO_2$, water spray or alcohol-resistant foam

**Unsuitable Extinguishing Media:**

Do not use water jet

**Specific Hazards Arising From The Chemical:**

Flammable liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation

**Special Protective Equipment and Precautions for Fire-Fighters**

**Special Protective Equipment:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode

**Special precautions**

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Fight fire from a maximum distance. Move containers from fire area if you can do it without risk. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so

## SECTION 6: Accidental Release Measures

**Personal Precautions, Protective Equipment, and Emergency Procedures:**

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. All equipment used when handling the product must be grounded. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided

**Methods and Material for Containment and Cleaning Up:**

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for future disposal. Dispose of in accordance with all applicable regulations (see Section 13)
Fatal if inhaled. Put on appropriate personal protective equipment, including a self-contained breathing apparatus (see Section 8) before entering area of spill or leak. Avoid breathing dust, mist, fumes, vapors or spray. Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13)

## SECTION 7: Handling and Storage

**Precautions for Safe Handling:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating and lighting equipment. Take action to prevent static discharges. Handle containers with caution. Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

**Conditions for Safe Storage, Including Any Incompatibilities:**

Store in cool, dry, well-ventilated location out of direct sunlight and away from exit paths. Inspect

containers and storage area regularly for signs of leak and damage. Store containers at a convenient height for handling, below eye level if possible. High shelving increases the risk of dropping containers, personal injury and exposure. Ensure that appropriate fire fighting and spill-clean up equipment is readily available. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Store separately. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

## SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

**Occupational Exposure Limit Values:**

| Country (Legal Basis) | Substance | Identifier | Permissible concentration |
|---|---|---|---|
| ACGIH | Propan-2-ol | 67-63-0 | 15-Minute STEL: 400 ppm |
| | Propan-2-ol | 67-63-0 | 8-Hour TWA: 200 ppm |
| | Solvent naphtha (petroleum), heavy arom. | 64742-94-5 | 8-Hour TWA: 5 mg/m³ (Oil Mists, Mineral; Pure, highly and severely refined; inhalable particulate matter) |
| | Naphthalene | 91-20-3 | TWA: 10 ppm |
| NIOSH | Propan-2-ol | 67-63-0 | IDLH: 2000 ppm |
| | Propan-2-ol | 67-63-0 | 15-Minute STEL: 1225 mg/m³ (500 ppm) |
| | Propan-2-ol | 67-63-0 | 8-Hour TWA: 980 mg/m³ (400 ppm) |
| | Solvent naphtha (petroleum), heavy arom. | 64742-94-5 | REL-TWA: 5 mg/m³ (Oil Mists, Mineral [up to 10 hr]) |
| | Solvent naphtha (petroleum), heavy arom. | 64742-94-5 | IDLH: 2500 mg/m³ (Oil Mists, Mineral) |
| | Naphthalene | 91-20-3 | IDLH: 250 ppm |
| | Naphthalene | 91-20-3 | TWA: 10 ppm (50 mg/m3) |
| | Naphthalene | 91-20-3 | STEL: 15 ppm (75 mg/m3) |
| OSHA | Propan-2-ol | 67-63-0 | 8-Hour TWA-PEL: 980 mg/m³ (400 ppm) |
| | Solvent naphtha (petroleum), heavy arom. | 64742-94-5 | 8-Hour TWA-PEL: 5 mg/m³ (Oil Mists, Mineral) |
| | Naphthalene | 91-20-3 | TWA: 10 ppm (50 mg/m3 (PEL)) |
| | Naphthalene | 91-20-3 | STEL: 15 ppm (75 mg/m3) |
| United States(California) | Propan-2-ol | 67-63-0 | 8-Hour TWA-PEL: 980 mg/m³ (400 ppm) |
| | Propan-2-ol | 67-63-0 | 15-Minute STEL: 1225 mg/m³ (500 ppm) |
| | Solvent naphtha (petroleum), heavy arom. | 64742-94-5 | 8-Hour TWA: 5 mg/m³ (Oil Mists, Mineral) |
| | Naphthalene | 91-20-3 | PEL: 0.1 ppm (0.5 mg/m3) |

**Biological Limit Values:**

| Country (Legal Basis) | Substance | Identifier | Determinant | Specimen | Sampling time | Permissible limits |
|---|---|---|---|---|---|---|
| ACGIH | Propan-2-ol | 67-63-0 | Acetone | Urine | EOS/EOW | 40 mg/L |

| Country (Legal Basis) | Substance | Identifier | Determinant | Specimen | Sampling time | Permissible limits |
|---|---|---|---|---|---|---|
| | Naphthalene | 91-20-3 | 1-Naphthol, with hydrolysis + 2-Naphthol, with hydrolysis nonquantitative, nonspecific | None | EOS | |

**Information on Monitoring Procedures:**

Not determined or not applicable.

**Appropriate Engineering Controls:**

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

**Individual Protection Measures, Such as Personal Protective Equipment**

**Eye and Face Protection:**

Use safety glasses with side shields or goggles. Consider the use of a face shield for splash protection. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

**Skin and Body Protection:**

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Full body protection should be worn. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

**Respiratory Protection:**

Inhalation of material may cause severe injury or death. If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**General Hygienic Measures:**

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

## SECTION 9: Physical and Chemical Properties

**Information on Basic Physical and Chemical Properties**

| | |
|---|---|
| **Physical state** | Liquid |
| **Color** | Transparent amber |
| **Odor (includes odor threshold)** | Mild hydrocarbon |
| **Melting point/freezing point** | Not determined or not available. |
| **Initial boiling point/range** | Not determined or not available. |

| | |
|---|---|
| **Flammability** | Not determined or not available. |
| **Upper flammability/explosive limit** | Not determined or not available. |
| **Lower flammability/explosive limit** | Not determined or not available. |
| **Flash point** | 115 °F (46.1 °C) |
| **Auto-ignition temperature** | Not determined or not available. |
| **Decomposition temperature** | Not determined or not available. |
| **pH** | 5 - 6 (1% aq.) |
| **Kinematic viscosity** | 39.9 mm2/s @ 39 °C |
| **Solubilities** | Not determined or not available. |
| **Partition coefficient (n-octanol/water)** | Not determined or not available. |
| **Vapor pressure (includes evaporation rate)** | Not determined or not available. |
| **Density and/or relative density** | 1.0 - 1.1 g/mL |
| **Relative vapor density** | Not determined or not available. |
| **Particle characteristics** | Not determined or not available. |

**Other Information**

No additional information.

## SECTION 10: Stability and Reactivity

**Reactivity:**

Not reactive under recommended handling and storage conditions.

**Chemical Stability:**

Stable under recommended handling and storage conditions.

**Possibility of hazardous reactions, including those associated with foreseeable emergencies:**

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

**Conditions to Avoid:**

Extreme heat, open flames, hot surfaces, sparks, ignition sources, static electricity and incompatible materials. Vapor accumulation in low or confined areas.

**Incompatible Materials:**

Strong oxidizers; Strong acids; Strong bases

**Hazardous Decomposition Products:**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological Information

**Acute Toxicity**

**Assessment:**

Harmful if swallowed.
Fatal if inhaled.

**Product Data:**

| Route | Result |
|---|---|
| Oral | LD50 Rat: 960 mg/kg |
| Dermal | LD50 Rat: 4,500 mg/kg |
| Inhalation | LC50 Rat: 0.46 mg/L (4 hr) |

**Substance Data:**

| Name | Route | Result |
|---|---|---|
| Propargite | oral | LD50 Rat: 2,800 mg/kg |
| | dermal | LD50 Rabbit: > 4,000 mg/kg |
| | inhalation | LC50 Rat: 0.89 mg/L (4 hr [aerosol]) |
| Propan-2-ol | oral | LD50 Rat: 5840 mg/kg |
| | dermal | LD50 Rabbit: 4059 mg/kg |
| | inhalation | LC50 Rat: 72.6 mg/L (4 hr [vapor]) |
| Solvent naphtha (petroleum), heavy arom. | oral | LD50 Rat: >5000 mg/kg |
| | dermal | LD50 Rabbit: >2000 mg/kg |
| | inhalation | LC50 Rat: >5.28 mg/L (4 hr [Vapor]) |
| Naphthalene | oral | LD50 Mouse: 533 mg/kg |
| | dermal | LD50 Rat: >2500 mg/kg |
| | inhalation | LC50 Rat: >0.4 mg/L (4 hr [Vapor]) |

**Skin Corrosion/Irritation**

**Assessment:**

Causes severe skin burns and eye damage.

**Product Data:**

Corrosive

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | Corrosive |

**Serious Eye Damage/Irritation**

**Assessment:**

Causes serious eye damage.

**Product Data:**

Severely irritating

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | Corrosive |
| Propan-2-ol | Causes serious eye irritation. |

**Respiratory or Skin Sensitization**

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

Not a dermal sensitizer

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | Positive dermal sensitizer |

**Carcinogenicity**

**Assessment:**

Suspected of causing cancer.

**Product Data:** No data available.

**Substance Data:**

| Name | Species | Result |
|---|---|---|
| Propargite | | EPA Group B2: Probable human carcinogen |

| Name | Species | Result |
|---|---|---|
| Naphthalene | | Suspected of causing cancer. |

**International Agency for Research on Cancer (IARC):**

| Name | Classification |
|---|---|
| Propan-2-ol | Group 3 |
| Naphthalene | Group 2B |

**National Toxicology Program (NTP):**

| Name | Classification |
|---|---|
| Naphthalene | Reasonably anticipated to be human carcinogens |

**OSHA Carcinogens:**

| Ingredient Name | CAS | OSHA Carcinogens Status |
|---|---|---|
| Naphthalene | 91-20-3 | Yes |

**Germ Cell Mutagenicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | No evidence of mutagenicity |

**Reproductive Toxicity**

**Assessment:**

Suspected of damaging fertility or the unborn child.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | Studies indicate potential harm to offspring and reproductive systems in mammals. |

**Specific Target Organ Toxicity (Single Exposure)**

**Assessment:**

May cause drowsiness or dizziness.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Propan-2-ol | May cause drowsiness or dizziness. |

**Specific Target Organ Toxicity (Repeated Exposure)**

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

**Aspiration toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Solvent naphtha (petroleum), heavy arom. | May be fatal if swallowed and enters airways. |

**Information on Likely Routes of Exposure:**
No data available.
**Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:**
No data available.
**Interactive effects:**
No additional information.
**Other Information:**
Information in this section is provided from a similar formulation.

## SECTION 12: Ecological Information

**Ecotoxicity**

**Acute (Short-Term) Toxicity**

**Assessment:**
Very toxic to aquatic life.

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | Fish LC50 Rainbow trout: 0.143 mg/L (96 hr [mortality]) |
| | Aquatic Invertebrates EC50 Daphnia magna: 0.014 mg/L (48 hr [mobility]) |
| | Fish LC50 Sheepshead minnow: 0.055 mg/L (96 hr) |
| Propan-2-ol | Fish LC50 Pimephales promelas: 9640 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: 10100 mg/L (48 hr [immobilisation]) |
| | Aquatic Plants EC50 Desmodesmus subspicatus: >1000 mg/L mg/L (72 hr) |
| Solvent naphtha (petroleum), heavy arom. | Fish LC50 Oncorhynchus mykiss: 2 - 5 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: 0.3 mg/L (48 hr [mobility; Read-across substance data]) |
| | Aquatic Plants EC50 Raphidocelis subcapitata: 1 - 3 mg/L (72 hr [cell number]) |
| Naphthalene | Aquatic Plants EC50 Skeletonema costatum: 0.4 - 0.5 mg/L (72 hr [biomass]) |
| | Fish LC50 Oncorhynchus mykiss: 1.6 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: 2.16 mg/L (48 hr [mobility]) |

**Chronic (Long-Term) Toxicity**

**Assessment:**
Very toxic to aquatic life with long lasting effects.

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | Aquatic Invertebrates NOEC Daphnia magna: 0.009 mg/L (21 d) |
| | Fish NOEC Fathead minnow: 0.016 mg/L (35 d) |
| | Aquatic Invertebrates NOEC Mysid shrimp: 0.0041 mg/L (28 D) |

| Name | Result |
|---|---|
| Propan-2-ol | Fish NOEC Danio rerio: >1000 mg/L (28 d [growth rate, QSAR substance data]) |
| | Aquatic Invertebrates NOEC Daphnia magna: >1000 mg/L (21 d [reproduction, QSAR substance data]) |
| Solvent naphtha (petroleum), heavy arom. | Fish NOEC Oncorhynchus mykiss: 0.098 mg/L (28 d [mortality, QSAR substance data]) |
| | Aquatic Invertebrates NOEC Daphnia magna: 0.48 mg/L (21 d [reproduction, Read-across substance data]) |
| | Aquatic Plants NOEC Raphidocelis subcapitata: 4 mg/L (72 hr [growth rate; read-across substance data]) |
| Naphthalene | Fish NOEC Oncorhynchus kisutch: 0.37 mg/L (40 d [growth rate]) |
| | Aquatic Invertebrates NOEC Daphnia pulex: 0.59 mg/L (125 d [mortality]) |

**Persistence and Degradability**

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | Moderately persistent on soils and in aquatic environments. |
| Propan-2-ol | The substance is readily biodegradable. BOD5/COD ratio ≥ 0.5 & 53% degradation in water, measured by O2 consumption, after 5 days. |
| Solvent naphtha (petroleum), heavy arom. | Standard biodegradability studies are not applicable to petroleum UVCB substances. |
| Naphthalene | The substance is readily biodegradable. > 74% degradation in water, measured by O2 consumption, after 28 days. |

**Bioaccumulative Potential**

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | BCF: 775; Log Kow = 5.7 |
| Propan-2-ol | The substance is not expected to bioaccumulate (BCF: 1.013 L/kg, basis: whole body w.w.; QSAR substance data). |
| Solvent naphtha (petroleum), heavy arom. | Standard bioaccumulation studies are not applicable to petroleum UVCB substances. |
| Naphthalene | The substance has the potential to bioaccumulate (BCF= 36.5 - 168 dimensionless, basis- whole body w.w.). |

**Mobility in Soil**

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Propargite | Relatively non-mobile (Koc: 15608.6 at 20 °C) |
| Propan-2-ol | The substance is highly mobile, therefore, adsorption to soil and sediment is not expected (Koc= 1.53 L/kg, QSAR substance data). |
| Solvent naphtha (petroleum), heavy arom. | Standard adsorption/desorption studies are not applicable to petroleum UVCB substances. |
| Naphthalene | The substance is moderately mobile, therefore, moderate adsorption to soil is expected (Koc =455 at 20 °C). |

**Results of PBT and vPvB assessment**

**Product Data:**

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

**Substance Data:**

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

**Other Adverse Effects:** No additional information.

## SECTION 13: Disposal Considerations

**Disposal Methods:**

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Do not contaminate water, food, or feed by storage or disposal. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Contaminated packaging:**

CONTAINER DISPOSAL: Nonrefillable and refillable containers. Refer to the product label for specific container disposal instructions.

## SECTION 14: Transport Information

**United States Transportation of Dangerous Goods (49 CFR DOT)**

| | |
|---|---|
| **UN Number** | UN2903 |
| **UN Proper Shipping Name** | Pesticides, liquid, toxic, flammable, N.O.S. (propargite, aromatic naphtha) |
| **UN Transport Hazard Class(es)** | 6.1 (3)  |
| **Packing Group** | II |
| **Environmental Hazards** | Marine Pollutant |
| **Special Precautions for User** | None |
| **Reportable Quantity** | Propargite: 10 lbs. (1.67 gallons of product) |
| **Additional Information** | This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. |

**International Maritime Dangerous Goods (IMDG)**

| | |
|---|---|
| **UN Number** | UN2903 |
| **UN Proper Shipping Name** | Pesticides, liquid, toxic, flammable, N.O.S. (propargite, aromatic naphtha) |
| **UN Transport Hazard Class(es)** | 6.1 (3)  |
| **Packing Group** | II |
| **Environmental Hazards** | Marine Pollutant |

| | |
|---|---|
| **Special Precautions for User** | None |
| **Additional Information** | This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. |

**International Air Transport Association Dangerous Goods Regulations (IATA-DGR)**

| | |
|---|---|
| **UN Number** | UN2903 |
| **UN Proper Shipping Name** | Pesticides, liquid, toxic, flammable, N.O.S. (propargite, aromatic naphtha) |
| **UN Transport Hazard Class(es)** | 6.1 (3)  |
| **Packing Group** | II |
| **Environmental Hazards** | Marine Pollutant |
| **Special Precautions for User** | None |
| **Additional Information** | This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. |

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

| | |
|---|---|
| **Bulk Name** | Not Applicable |
| **Ship Type** | Not Applicable |
| **Pollution Category** | Not Applicable |

## SECTION 15: Regulatory Information

### United States Regulations

**Inventory Listing (TSCA):** All ingredients are listed-active or exempt.
**Significant New Use Rule (TSCA Section 5):** None of the ingredients are listed.
**Export Notification under TSCA Section 12(b):** None of the ingredients are listed.
**SARA Section 302 Extremely Hazardous Substances:** None of the ingredients are listed.
**SARA Section 313 Toxic Chemicals:**

| | | |
|---|---|---|
| 2312-35-8 | Propargite | Listed |
| 67-63-0 | Propan-2-ol | Listed |
| 91-20-3 | Naphthalene | Listed |

**CERCLA:**

| | | | |
|---|---|---|---|
| 2312-35-8 | Propargite | Listed | 10 lbs |
| 91-20-3 | Naphthalene | Listed | 100 lb |

**RCRA:**

| | | | |
|---|---|---|---|
| 91-20-3 | Naphthalene | Listed | U165 |

**Section 112(r) of the Clean Air Act (CAA):** None of the ingredients are listed.

**Massachusetts Right to Know:**

| | | |
|---|---|---|
| 2312-35-8 | Propargite | Listed |
| 67-63-0 | Propan-2-ol | Listed |
| 91-20-3 | Naphthalene | Listed |

**New Jersey Right to Know:**

| | | |
|---|---|---|
| 2312-35-8 | Propargite | Listed |
| 67-63-0 | Propan-2-ol | Listed |
| 91-20-3 | Naphthalene | Listed |

**New York Right to Know:**

| | | |
|---|---|---|
| 2312-35-8 | Propargite | Listed |
| 67-63-0 | Propan-2-ol | Listed |
| 91-20-3 | Naphthalene | Listed |

**Pennsylvania Right to Know:**

| | | |
|---|---|---|
| 2312-35-8 | Propargite | Listed |
| 67-63-0 | Propan-2-ol | Listed |
| 91-20-3 | Naphthalene | Listed |

**California Proposition 65:**

⚠ **WARNING:** This product can expose you to Naphthalene; which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

⚠ **WARNING:** This product can expose you to Propargite; which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

**Additional information:** FIFRA: All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. The regulatory information presented outside of this FIFRA section is pertinent only when this product is handled outside of normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA. The following is the hazard information as required on the pesticide label:, PRECAUTIONARY STATEMENTS, HAZARDS TO HUMANS AND DOMESTIC ANIMALS, DANGER, Contains petroleum distillates., Corrosive. Causes skin burns and irreversible eye damage., May be fatal if inhaled or swallowed., Harmful if swallowed or absorbed through skin., Do not breathe spray mist., Do not get in eyes, on skin, or on clothing., Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet., Remove and wash contaminated clothing before reuse., Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals., Wear protective eyewear such as goggles, face shield or safety glasses., ENVIRONMENTAL HAZARDS, Toxic to fish and aquatic invertebrates., May cause reproductive effects in wildlife., Do not contaminate water when disposing of equipment wash water., PHYSICAL OR CHEMICAL HAZARDS, Combustible. Do not use or store this product near heat or open flame., Do not mix or allow coming into contact with oxidizing agents. Hazardous chemical reaction may occur.

## SECTION 16: Other Information

**Disclaimer:**

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency

responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course. To the extent consistent with applicable law, neither Atticus, LLC nor Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ATTICUS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ATTICUS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

**Initial Preparation Date:** 04.13.2026

**End of Safety Data Sheet**