

## 1. Product and Company Identification

**Product Code:** 01106  
**Product Name:** Pine Odor Disinfectant  
**Company Name:** Genlabs  
 5568 Schaefer Ave.  
 Chino, CA 91710  
**Phone Number:**  
 1 (909)591-8451

**Web site address:** www.genlabscorp.com  
**Emergency Contact:** Chemtrec  
 1 (800)424-9300

**Recommended Use:** Pine Disinfectant  
**Intended Use:** For sale to, use and storage by service persons only.

## 2. Hazards Identification

**Acute Toxicity: Oral, Category 5**  
**Acute Toxicity: Skin, Category 4**  
**Skin Corrosion/Irritation, Category 2**  
**Aquatic Toxicity (Acute), Category 2**  
**Aquatic Toxicity (Chronic), Category 3**



**GHS Signal Word:** **Warning**  
**GHS Hazard Phrases:** May be harmful if swallowed.  
 Harmful in contact with skin.  
 Causes skin irritation.  
 Toxic to aquatic life.  
 Harmful to aquatic life with long lasting effects.

**GHS Precaution Phrases:** Wear protective gloves, protective clothing, eye protection, face protection.  
 Wash hands thoroughly after handling.  
 Avoid release to the environment.  
 Keep out of reach of children.

**GHS Response Phrases:** IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
 IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**GHS Storage and Disposal Phrases:** Dispose of contents and container according to the local, city, state and federal regulations.  
 Store in cool dry place at room temperature away from direct sunlight.

**Potential Health Effects (Acute and Chronic):**

**Inhalation:** Dizziness, headaches and irritation. Avoid breathing vapors or mists.  
**Skin Contact:** Can cause skin irritation and dryness with prolonged skin contact. Avoid any skin contact.  
**Eye Contact:** Causes eye burns. Avoid any eye contact.  
**Ingestion:** Toxic by ingestion. Do not induce vomiting unless directed by a physician. Causes irritation, burning pain to mouth, throat and stomach.

### 3. Composition/Information on Ingredients

| CAS #     | Hazardous Components (Chemical Name)                          | Concentration |
|-----------|---|---------------|
| 8002-09-3 | Pine oil  | Proprietary   |
| 139-07-1  | Benzododecinium chloride                                      | Proprietary   |
| 139-08-2  | Benzenemethanaminium,<br>N,N-Dimethyl-N-tetradecyl-, chloride | Proprietary   |
| 122-18-9  | Benzenemethanaminium,<br>N-Hexadecyl-N,N-dimethyl-, chloride  | Proprietary   |

### 4. First Aid Measures

#### Emergency and First Aid

#### Procedures:

|  |  |
|--|--|
| <b>In Case of Inhalation:</b>          | Remove from exposure and move to fresh air immediately. If unconscious, call a physician.  |
| <b>In Case of Skin Contact:</b>        | Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  |
| <b>In Case of Eye Contact:</b>         | Flush eyes with water for 15 minutes. Get medical attention.   |
| <b>In Case of Ingestion:</b>           | Drink large amounts of water. Call physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. |
| <b>Signs and Symptoms Of Exposure:</b> | Burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath, Headache. Nausea. Vomiting, Central nervous system depression. Narcosis.        |
| <b>Note to Physician:</b>              | Treat symptomatically and supportively.  |

### 5. Fire Fighting Measures

|  |   |
|--|---|
| <b>Flash Pt:</b>                         | NA  |
| <b>Explosive Limits:</b>                 | LEL: N/A    N.E.    UEL: N/A    N.E.  |
| <b>Autoignition Pt:</b>                  | NA  |
| <b>Suitable Extinguishing Media:</b>     | Use water spray to cool fire-exposed containers. Use foam, dry chemical, or carbon dioxide.   |
| <b>Fire Fighting Instructions:</b>       | Wear self contained breathing apparatus for fire fighting if necessary. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts at sufficient concentrations can form explosive mixtures with air. |
| <b>Flammable Properties and Hazards:</b> | No data available.  |

### 6. Accidental Release Measures

|   |   |
|---|---|
| <b>Steps To Be Taken In Case Material Is Released Or Spilled:</b> | Contain with an inert, absorbent material. Collect in an approved container and place in a proper waste disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. |
|---|---|

### 7. Handling and Storage

|   |   |
|---|---|
| <b>Precautions To Be Taken in Handling:</b> | Do not ingest or inhale. Use only in a chemical fume hood.                    |
| <b>Precautions To Be Taken in Storing:</b>  | Store in a cool, dry, well-ventilated area away from incompatible substances. |

## 8. Exposure Controls/Personal Protection

| CAS #     | Partial Chemical Name   | OSHA TWA | ACGIH TWA | Other Limits |
|-----------|---|----------|-----------|--------------|
| 8002-09-3 | Pine oil  | No data. | No data.  | No data.     |
| 139-07-1  | Benzododecinium chloride                                      | No data. | No data.  | No data.     |
| 139-08-2  | Benzenemethanaminium,<br>N,N-Dimethyl-N-tetradecyl-, chloride | No data. | No data.  | No data.     |
| 122-18-9  | Benzenemethanaminium,<br>N-Hexadecyl-N,N-dimethyl-, chloride  | No data. | No data.  | No data.     |

**Respiratory Equipment** No special requirements under normal use conditions.

**(Specify Type):**

**Eye Protection:** Safety glasses.

**Protective Gloves:** Handle with gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** There are no special ventilation requirements.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## 9. Physical and Chemical Properties

|   |                                    |
|---|------------------------------------|
| <b>Physical States:</b>                   | [ ] Gas [ X ] Liquid [ ] Solid     |
| <b>Appearance and Odor:</b>               | Brown color liquid with pine odor. |
| <b>Melting Point:</b>                     | NA                                 |
| <b>Boiling Point:</b>                     | > 212.00 F                         |
| <b>Decomposition Temperature:</b>         | NA                                 |
| <b>Autoignition Pt:</b>                   | NA                                 |
| <b>Flash Pt:</b>                          | NA                                 |
| <b>Explosive Limits:</b>                  | LEL: N/A N.E. UEL: N/A N.E.        |
| <b>Specific Gravity (Water = 1):</b>      | 0.980                              |
| <b>Density:</b>                           | ~ 8.17                             |
| <b>Vapor Pressure (vs. Air or mm Hg):</b> | NA                                 |
| <b>Vapor Density (vs. Air = 1):</b>       | NA                                 |
| <b>Evaporation Rate:</b>                  | NA                                 |
| <b>Solubility in Water:</b>               | 100%                               |
| <b>Saturated Vapor Concentration:</b>     | NA                                 |
| <b>Viscosity:</b>                         | NP                                 |
| <b>pH:</b>                                | 6.5 - 8.5                          |
| <b>Percent Volatile:</b>                  | No data.                           |
| <b>VOC / Volume:</b>                      | 92.7000 G/L                        |

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** No specific conditions to avoid noted.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents, Heavy metal salts.

**Hazardous Decomposition Or Byproducts:** formed under fire conditions. Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas, Hydrogen chloride, Nitrogen oxides, Carbon monoxide.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. Toxicological Information

**Toxicological Information:** No data available.

**Carcinogenicity/Other Information:** Carcinogenicity.  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 122-18-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

| CAS #     | Hazardous Components (Chemical Name)                       | NTP  | IARC | ACGIH | OSHA |
|-----------|--|------|------|-------|------|
| 8002-09-3 | Pine oil   | n.a. | n.a. | n.a.  | n.a. |
| 139-07-1  | Benzododecinium chloride                                   | n.a. | n.a. | n.a.  | n.a. |
| 139-08-2  | Benzenemethanaminium, N,N-Dimethyl-N-tetradecyl-, chloride | n.a. | n.a. | n.a.  | n.a. |
| 122-18-9  | Benzenemethanaminium, N-Hexadecyl-N,N-dimethyl-, chloride  | n.a. | n.a. | n.a.  | n.a. |

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents and container according to the local, city, state and federal regulations.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

### 15. Regulatory Information

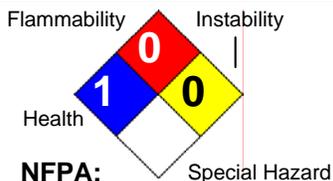
| CAS #     | Hazardous Components (Chemical Name)                          | Other US EPA or State Lists         |
|-----------|---|-------------------------------------|
| 8002-09-3 | Pine oil  | CA PROP.65: No; CA TAC, Title 8: No |
| 139-07-1  | Benzododecinium chloride                                      | CA PROP.65: No; CA TAC, Title 8: No |
| 139-08-2  | Benzenemethanaminium,<br>N,N-Dimethyl-N-tetradecyl-, chloride | CA PROP.65: No; CA TAC, Title 8: No |
| 122-18-9  | Benzenemethanaminium,<br>N-Hexadecyl-N,N-dimethyl-, chloride  | CA PROP.65: No; CA TAC, Title 8: No |

### 16. Other Information

**Hazard Rating System:**

|              |   |
|--------------|---|
| HEALTH       | 1 |
| FLAMMABILITY | 0 |
| PHYSICAL     | 0 |
| PPE          | B |

**HMIS:**



**Revision Date:**

02/27/2015

**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:**

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.