



# Safety Data Sheet (SDS)

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## Section 1: Identification

**Product Name:** Pine Disinfectant

**Intended Use:** Household cleaning and disinfecting surfaces

**Manufacturer:** Caribbean Aerosol and Packaging Solutions

**Address:** 65 Taylor Street, Marabella, Trinidad and Tobago

**Phone Number:** 1-868-265-7061

**Email:** capscleancaribbean@gmail.com

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## Section 2: Hazard Identification

**Classification:**

- Eye Irritation: Category 2A
- Skin Irritation: Category 2
- Acute Toxicity (Oral): Category 4
- Environmental Hazard: Category 3 (Aquatic)

**Signal Word:** Warning

**Hazard Statements:**

- Causes serious eye irritation.
- Causes skin irritation.
- Harmful if swallowed.
- Harmful to aquatic life with long-lasting effects.

**Precautionary Statements:**

- **Prevention:** Wear protective gloves and eye protection. Avoid release to the environment. Wash hands thoroughly after use.

- **Response:** If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If swallowed: Call a poison control center or doctor if you feel unwell.
  - **Storage:** Store in a well-ventilated place. Keep container tightly closed.
  - **Disposal:** Dispose of contents/container in accordance with local regulations.
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## Section 3: Composition/Information on Ingredients

Ingredient	CAS Number	Concentration
Pine Oil	8002-09-3	5-10%
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.1-1%
Surfactants (nonionic)	Mixture	3-7%
Water	7732-18-5	Balance

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## Section 4: First-Aid Measures

**General Advice:** If symptoms persist, seek medical advice. Show this SDS to the physician.

- **Skin Contact:** Wash with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.
  - **Eye Contact:** Rinse immediately with water for at least 15 minutes. Remove contact lenses if present. Seek medical attention if irritation persists.
  - **Inhalation:** Move to fresh air. If symptoms persist, seek medical attention.
  - **Ingestion:** Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.
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## Section 5: Fire-Fighting Measures

**Suitable Extinguishing Media:** Use water spray, foam, dry chemical, or CO<sub>2</sub>.

**Fire Hazards:** Combustible liquid. Vapors may form explosive mixtures with air.

**Special Protective Equipment:** Firefighters should wear self-contained breathing apparatus and protective clothing.

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## Section 6: Accidental Release Measures

**Personal Precautions:** Use personal protective equipment. Avoid skin and eye contact. Ensure adequate ventilation.

**Environmental Precautions:** Prevent runoff into drains, waterways, or soil. Notify authorities if contamination occurs.

**Cleanup Procedures:** Contain spill with inert absorbent materials (e.g., sand, vermiculite). Collect and place in suitable containers for disposal. Wash spill area with water.

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## Section 7: Handling and Storage

**Handling:** Avoid contact with skin, eyes, and clothing. Do not ingest. Use in well-ventilated areas.

**Storage:** Store in a cool, dry place away from incompatible materials (e.g., strong acids, oxidizers). Keep container tightly sealed.

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## Section 8: Exposure Controls/Personal Protection

**Exposure Limits:** Not established for mixture. Follow individual component guidelines.

**Engineering Controls:** Ensure adequate ventilation. Use local exhaust if necessary.

**Personal Protective Equipment (PPE):**

- **Eyes:** Safety goggles or face shield.
  - **Skin:** Protective gloves (e.g., nitrile).
  - **Respiratory:** Not required under normal use. Use respirator if ventilation is inadequate.
  - **Hygiene Measures:** Wash hands thoroughly after handling.
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## Section 9: Physical and Chemical Properties

Property	Value
Appearance	Clear, amber liquid
Odor	Pine scent
pH	6.5-8.0
Boiling Point	>100°C (>212°F)
Flash Point	>70°C (>158°F)
Solubility	Soluble in water
Specific Gravity	1.01-1.03

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## Section 10: Stability and Reactivity

**Stability:** Stable under normal conditions.

**Hazardous Reactions:** None known under normal conditions.

**Incompatible Materials:** Strong acids, oxidizing agents.

**Decomposition Products:** Carbon oxides, nitrogen oxides.

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## Section 11: Toxicological Information

### Acute Toxicity:

- **Oral:** LD50 (rat): >2000 mg/kg (estimated)
  - **Dermal:** Not classified as hazardous.
    - Skin Irritation:** Causes irritation.
    - Eye Irritation:** Causes serious irritation.
    - Sensitization:** Not classified.
    - Chronic Effects:** None known.
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## Section 12: Ecological Information

**Ecotoxicity:** Harmful to aquatic life with long-lasting effects. Avoid release into waterways.

**Biodegradability:** Surfactants are biodegradable per OECD criteria.

**Bioaccumulation:** Not expected to bioaccumulate.

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## Section 13: Disposal Considerations

Dispose of in accordance with local, state, and federal regulations. Do not dispose of in drains or waterways. Empty containers should be rinsed and recycled where possible.

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## Section 14: Transport Information

**UN Number:** Not regulated.

**Proper Shipping Name:** Cleaning compound, non-hazardous.

**Transport Hazard Class:** Not applicable.

**Packing Group:** Not applicable.

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## Section 15: Regulatory Information

**OSHA HazCom 2012:** Complies with GHS requirements.

**EPA Registration:** Disinfectant components registered under FIFRA.

**TSCA Inventory:** All components listed or exempt.

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## Section 16: Other Information

**Revision Date:** January 25, 2025

**Disclaimer:** The information provided in this SDS is based on current knowledge and experience. It is not a warranty or guarantee of product safety. Users are responsible for ensuring compliance with applicable laws and regulations.