



Safety Data Sheet (SDS)

SECTION 1: IDENTIFICATION

- **Product Name:** Black Disinfectant
- **Other Names:** Phenolic Disinfectant, Black Fluid
- **Recommended Use:** Disinfectant for industrial, institutional, and household applications
- **Manufacturer/Supplier:** Caribbean Aerosol and Packaging Solutions
- **Address:** 45 Taylor Street, Marabella, Trinidad and Tobago
- **Phone Number:** 1-868-265-7061
- **Email:** capscleancaribbean@gmail.com

SECTION 2: HAZARD IDENTIFICATION

GHS Classification:

- Skin Corrosion/Irritation: Category 2
- Eye Damage/Irritation: Category 2A
- Acute Toxicity (Oral): Category 4
- Acute Toxicity (Inhalation): Category 4
- Specific Target Organ Toxicity (Single Exposure): Category 3 (Respiratory tract irritation)

GHS Label Elements:

Signal Word: Warning

Hazard Statements:

- H302: Harmful if swallowed
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H335: May cause respiratory irritation

Precautionary Statements:

- P261: Avoid breathing dust/fume/gas/mist/vapors/spray
- P264: Wash hands thoroughly after handling

- P280: Wear protective gloves/eye protection/face protection
- P301+P312: If swallowed, call a poison center/doctor if you feel unwell
- P302+P352: If on skin, wash with plenty of soap and water
- P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Percentage
Phenol	108-95-2	5-10%
Cresols	1319-77-3	5-15%
Soap	Mixture	1-5%
Water	7732-18-5	Balance

SECTION 4: FIRST AID MEASURES

- **Inhalation:** Move person to fresh air. If breathing is difficult, seek medical attention.
- **Skin Contact:** Wash with plenty of soap and water. If irritation occurs, get medical attention.
- **Eye Contact:** Flush eyes with water for at least 15 minutes. Remove contact lenses if applicable. Seek medical attention if irritation persists.
- **Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek medical help immediately.

SECTION 5: FIREFIGHTING MEASURES

- **Suitable Extinguishing Media:** Foam, dry chemical, CO₂, or water spray.
- **Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, phenolic vapors.
- **Protective Equipment for Firefighters:** Self-contained breathing apparatus (SCBA) and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear appropriate protective equipment. Ensure adequate ventilation.

- **Environmental Precautions:** Avoid release into sewers or waterways.
 - **Cleanup Methods:** Absorb with inert material (sand, vermiculite). Dispose of according to local regulations.
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SECTION 7: HANDLING AND STORAGE

- **Handling:** Avoid contact with skin and eyes. Use with adequate ventilation.
 - **Storage:** Store in a cool, dry, and well-ventilated area. Keep container tightly closed.
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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Occupational Exposure Limits:**
 - OSHA PEL (Phenol): 5 ppm (TWA)
 - ACGIH TLV (Phenol): 5 ppm (TWA)
 - **Personal Protective Equipment (PPE):**
 - Eye Protection: Safety goggles
 - Skin Protection: Protective gloves
 - Respiratory Protection: Use NIOSH-approved respirator if ventilation is inadequate.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Dark brown/black liquid
 - **Odor:** Phenolic odor
 - **pH:** 8-10
 - **Boiling Point:** >100°C
 - **Solubility:** Partially soluble in water
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SECTION 10: STABILITY AND REACTIVITY

- **Stability:** Stable under normal conditions.
 - **Hazardous Reactions:** May react with strong oxidizers.
 - **Decomposition Products:** Carbon monoxide, carbon dioxide, phenolic vapors.
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SECTION 11: TOXICOLOGICAL INFORMATION

- **Routes of Exposure:** Inhalation, ingestion, skin and eye contact.

- **Acute Toxicity:** LD50 (oral, rat) ~317 mg/kg (Phenol)
 - **Chronic Effects:** Prolonged exposure may cause skin burns, liver/kidney damage.
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SECTION 12: ECOLOGICAL INFORMATION

- **Environmental Effects:** Harmful to aquatic life.
 - **Persistence & Degradability:** Partially biodegradable.
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SECTION 13: DISPOSAL CONSIDERATIONS

- Dispose of in accordance with local, state, and federal regulations.
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SECTION 14: TRANSPORT INFORMATION

- **UN Number:** N/A
 - **Proper Shipping Name:** Corrosive liquid, n.o.s. (Contains Phenol, Cresols)
 - **Transport Hazard Class:** N/A
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SECTION 15: REGULATORY INFORMATION

- Complies with OSHA, TSCA, and applicable international regulations.
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SECTION 16: OTHER INFORMATION

- **Date of Preparation:** February 14th, 2025
- **Revision Number:** 1.0
- **Disclaimer:** The information provided is based on current knowledge and is intended as guidance only. The user must determine suitability for specific applications.