

## Safety Data Sheet (SDS)

### Dr. Strongin's Drain Cleaner

#### SECTION 1 – Identification

Product Name: Dr. Strongin's Drain Cleaner  
Synonyms: Mild Alkaline Drain Cleaner Solution  
Recommended Use: Household and commercial drain cleaning solution.  
Manufacturer: Captis Biotechnology  
Address: Portland, OR, USA  
Customer Support: info@captisbiotech.com

#### SECTION 2 – Hazard(s) Identification

GHS Classification (0.1% NaOH): Eye Irritation, Category 2B (mild)

Signal Word: Warning

Hazard Statements:

- May cause mild skin irritation.
- May cause eye irritation.

Precautionary Statements:

- Avoid contact with eyes.
- Wash hands after handling.
- IF ON SKIN: Wash with plenty of water.
- IF IN EYES: Rinse cautiously with water for several minutes.

#### SECTION 3 – Composition/Information on Ingredients

Sodium Hydroxide – CAS 1310-73-2 – ~0.1%

Deionized Water – CAS 7732-18-5 – Balance (~99.9%)

#### SECTION 4 – First-Aid Measures

Eye Contact: Flush with water for at least 15 minutes. Seek medical advice if irritation persists.

**Captis Biotechnology  
Portland, Oregon, USA  
[www.captisbiotech.com](http://www.captisbiotech.com)**

Skin Contact: Wash with soap and water.

Inhalation: Move to fresh air.

Ingestion: Rinse mouth, do NOT induce vomiting. Seek medical attention if discomfort occurs.

## **SECTION 5 – Fire-Fighting Measures**

Suitable Extinguishing Media: Water spray, CO<sub>2</sub>, dry chemical, foam.

Specific Hazards: Not flammable.

Protective Equipment: Firefighters should wear self-contained breathing apparatus.

## **SECTION 6 – Accidental Release Measures**

Personal Precautions: Use gloves if prolonged contact is expected.

Environmental Precautions: Avoid uncontrolled release.

Methods: Absorb with inert material, collect for disposal, rinse area with water.

## **SECTION 7 – Handling and Storage**

Handling: Avoid direct eye contact. Do not mix with other cleaners.

Storage: Store in a cool, well-ventilated area. Keep container tightly closed.

## **SECTION 8 – Exposure Controls/Personal Protection**

Exposure Limits: OSHA PEL (NaOH): 2 mg/m<sup>3</sup> (ceiling). Not relevant at 0.1%.

Engineering Controls: Normal room ventilation is sufficient.

PPE: Safety glasses recommended; gloves if prolonged exposure expected.

## **SECTION 9 – Physical and Chemical Properties**

Appearance: Clear, colorless liquid

Odor: None

pH: ~10–11 (0.1% NaOH solution)

Melting Point: ~0 °C

Boiling Point: ~100 °C

Solubility: Miscible in water

Specific Gravity: ~1.0

## **SECTION 10 – Stability and Reactivity**

Stable under normal use.

Reactivity: Incompatible with acids, aluminum, zinc.

Hazardous Decomposition Products: Sodium oxides (trace).

## **SECTION 11 – Toxicological Information**

Not toxic at this dilution.

Skin/Eye Irritation: May cause mild irritation.

Chronic Effects: None expected.

## **SECTION 12 – Ecological Information**

Very low hazard at 0.1% concentration.

Large releases may slightly alter local pH temporarily.

## **SECTION 13 – Disposal Considerations**

Dispose in accordance with local regulations.

Small amounts may be flushed to drain with water.

## **SECTION 14 – Transport Information**

Not regulated as dangerous goods at 0.1% NaOH.

## **SECTION 15 – Regulatory Information**

OSHA Hazardous: No (solution not classified as hazardous at 0.1%).

TSCA Inventory: All components listed.

## **SECTION 16 – Other Information**

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