

CAPTIVATE BIO™	Safety Data Sheet		
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Section 1: Product and Company Identification

Product Name: CAPTiCLEAN™ Solution
Catalog Number(s): CBL003, CBL003-4, CBL003-12, CBL003-24
CAS Number: 532-32-1
Product Use: Solution for the treatment and prevention of contamination of CO₂ incubator water pans.
Manufacturer/Supplier: Captivate Bio
465 Waverley Oaks Road, STE 105
Waltham, MA 02452, USA
Emergency Contact: 1-617-607-4017

Section 2: Hazards Identification

2.1 Classification: Eye Irritant (Category 2A), H319

2.2 GHS Label elements, including precautionary statements:

Pictogram:



Irritant
warning

Signal Word:

Hazard Statements: H319 Causes serious eye irritation.

Precautionary Statements:

P264 Wash skin thoroughly after handling.
P280 Wear eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

2.3 Other Hazards: All other ingredients in the proportions used are considered non-hazardous by regulating bodies worldwide.

Section 3: Composition/Information on Ingredients

3.1 Substances: Mixture of substances listed below with nonhazardous additions.
Name: Sodium Benzoate, Eye Irritant. 2, H319, < 15.0%
Molecular weight: 144.11
CAS: 532-32-1
EINECS: 208-534-8

Section 4: First Aid Measures

4.1 Description of First Aid:

Eye contact:

Remove any contact lenses, locate eye-wash station, and flush eyes immediately with large amounts of water. Separate eyelids with fingers to ensure adequate flushing. Promptly call a physician.

Skin contact:

Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes and call a physician.

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Inhalation:

Immediately relocate self or casualty to fresh air. If breathing is difficult, give cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

Ingestion:

Wash out mouth with water. Do NOT induce vomiting. Call a physician.

Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labelling (see section 2.2).

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

Section 5: Fire-Fighting Measures

5.1 Extinguishing: Use water spray, dry chemical, foam, and carbon dioxide fire extinguisher.

5.2 Special hazards: During combustion, it may emit irritating fumes.

5.3 Advice for firefighters: Wear self-contained breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures:

Use full personal protective equipment. Avoid breathing vapors, mist, dust, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Refer to protective measures listed in Section 8.

6.2 Environmental precautions:

Try to prevent further leakage or spillage. Keep the product away from drains or water courses.

6.3 Methods and materials for containment and cleaning up:

Absorb solutions with finely powdered liquid-binding material (diatomite, universal binders). Decontaminate surfaces and equipment by scrubbing with alcohol. Dispose of contaminated material according to Section 13.

Section 7: Handling and Storage

7.1 Safe handling: Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities:

General storage: Keep the container tightly sealed in cool, well-ventilated area.

Storage in solvent: Store at - 20°C for up to 2 years from time of manufacture.

Shipment storage: Ship at - 20°C with dry ice.

Specific end use(s): No data available.

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters: Components with workplace control parameters:
This product contains no substances with occupational exposure limit values.

8.2 Exposure controls:
Engineering controls: Avoid contact with eyes and skin. Provide accessible safety shower and eye wash station.

8.3 Personal protective equipment:

Eye protection: Safety goggles with side-shields.

Hand protection: Protective gloves.

Skin & body protection: Impervious clothing.

Respiratory protection: Not Required

Environmental exposure controls: Keep the product away from drains, water courses, or the soil. Clean spillages in a safe way as soon as possible.

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Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance:	Solution
Odor:	Odorless
Odor threshold:	No data available
pH:	No data available
Melting/freezing point:	No data available
Boiling point/range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	23 hPA
Vapor density:	0.948 g/cm ³
Relative density:	No data available
Water solubility:	No data available
Partition coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Solvent content	Water: >85.0 % VOC (EC) 0.00 % Solids content: <15.0 %
Other safety information:	No data available

Section 10: Stability and Reactivity

10.1 Reactivity:	No data available
10.2 Chemical stability:	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions:	No data available
10.4 Conditions to avoid:	No data available
10.5 Incompatible materials:	No data available.
10.6 Hazardous decomposition:	Other decomposition products - no data available.

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:	Classified based on available data. For more details, see Section 2.
Skin corrosion/irritation:	Classified based on available data. For more details, see Section 2.
Serious eye damage/eye irritation:	Classified based on available data. For more details, see Section 2.
Respiratory or skin sensitization:	Classified based on available data. For more details, see Section 2.
Germ cell mutagenicity:	Classified based on available data. For more details, see Section 2.
Carcinogenicity:	
IARC:	No component of this product present at a level equal to or greater than 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at a level equal to or greater than 0.1% is identified as a potential or confirmed carcinogen by ACGIH.
NTP:	No component of this product present at a level equal to or greater than 0.1% is identified as an anticipated or confirmed carcinogen by NTP.

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

Reproductive toxicity: Classified based on available data. For more details, see Section 2.
 STOT – single exposure: Classified based on available data. For more details, see Section 2.
 STOT – repeated exposure: Classified based on available data. For more details, see Section 2.
 Aspiration hazard: Classified based on available data. For more details, see Section 2.

Additional information: This information is based on our current knowledge. However, the chemical, physical, and toxicological properties have not been completely investigated.

Section 12: Ecological Information

12.1 Toxicity: No data available

12.2 Persistence and degradability: No data available

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available

12.5 Results of PBT and vPvB assessment: PBT/vPvB assessment unavailable as chemical safety assessment not required or not conducted.

12.6 Other adverse effects: No data available

Section 13: Disposal Considerations

13.1 Waste treatment methods:
 Product: Dispose substance in accordance with prevailing country, federal, state, and local regulations.
 Contaminated packaging: Conduct recycling or disposal in accordance with prevailing country, federal, state, and local regulations.

Section 14: Transport Information

14.1 DOT (US):
 Proper shipping name: Not dangerous goods.
 UN number: Not applicable.
 Class: Not applicable.
 Packing group: Not applicable.

14.2 IMDG:
 Proper shipping name: Not dangerous goods.
 UN number: Not applicable.
 Class: Not applicable.
 Packing group: Not applicable.

14.3 IATA:
 Proper shipping name: Not dangerous goods.
 UN number: Not applicable.
 Class: Not applicable.
 Packing group: Not applicable.

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Section 15: Regulatory Information

15.1 SARA 302 components:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

15.2 SARA 313 components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

15.3 SARA 311/312 hazards:

No SARA hazards.

15.4 Massachusetts Right to Know components:

No components are subject to the Massachusetts Right to Know Act.

15.5 Pennsylvania Right to Know components:

No components are subject to the Pennsylvania Right to Know Act.

15.6 New Jersey Right to Know components:

No components are subject to the New Jersey Right to Know Act.

15.7 California Prop. 65 components:

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

Issue date: 12 JUNE 2025
Revision date: 12 JUNE 2025
Revision number: 1
Prepared by: Captivate Bio Quality Department
Contact: quality@captivatebio.com

Warranty and Disclaimers:

The above information is believed to be true and correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product and the appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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This product is For Research Use Only. Not for use in diagnostic or therapeutic procedures.