

SAFETY DATA SHEET (SDS)

Cape Cod Biochemical Company

P.O. Box 990

Pocasset, MA 02559

Tel: 508-563-5040



1. COMPANY AND PRODUCT IDENTIFICATION

Product Name: ccls
Description: Turbid, straw colored liquid with characteristic odor
Other means of identification None
Recommended Use: Bacterial treatment
Uses advised again: No information available
Supplier Name: Cape Cod Biochemical, Co
P.O. Box 990, 50 Portside Dr
Pocasset MA 02559
Supplier Phone Number: 800-343-8007
Supplier Fax Number: 508-564-9974
Supplier Email: capebio@capecod.net
Emergency Phone Number 800-343-8007

2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Sensitization/Subcategory 1A

GHS Label Elements, including Precautionary Statements

Signal Word Warning

Hazard Statements May cause an allergic skin reaction

Precautionary Statements – Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves and eye protection

Precautionary Statements-Response

See First Aid Measures Section

Skin

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

Precautionary Statements – Storage

None

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local/regional/international regulations

Hazards not otherwise classified (HNOC)

Not applicable

Other information

Causes mild skin irritation

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Interactions with Other Chemicals

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a buffered and preserved aqueous solution containing naturally-occurring viable bacterial cultures.

HAZARDOUS INGREDIENTS

<u>NAME</u>	<u>CAS#</u>	<u>%BY WEIGHT</u>	<u>TRADE SECRET</u>
I, 2 – Benzisothiazolin-3-one	2634-33-5	0.15 – 0.35	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General Advice

Show this safety data sheet to the Doctor in attendance

Eye Contact

Rinse thoroughly with plenty of water, also under eyelids. If symptoms persist, call a physician.

Skin Contact

Wash with soap and water. May cause an allergic skin reaction, In the case of skin irritation or allergic reactions, see a physician

Inhalation

Remove to fresh air

Ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person

Most important symptoms and effects, both acute and delayed

Itching, Rashes, Hives

Indication of any immediate medical attention and special treatment needed

Notes to Physician

May cause sensitization of susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient

Specific Hazards Arising from the Chemical

Product is or contains a sensitizer. May cause sensitization by skin contact

Uniform First Code Sensitizer Liquid

Hazardous Combustion Products

Carbon oxides

Explosion Data

Sensitivity to Mechanical Impact No

Sensitivity to Static Discharge No

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Avoid contact with skin and eyes

Environmental precautions

Refer to protective measures listed in Sections 7 and 8

Methods and material for containment and cleaning up

Containment

Prevent further leakage or spillage if safe to do so

Cleaning up

Pick up and transfer to properly labelled containers. Soak up with inert absorbent material

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and eyes

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed

Incompatible Products Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines This product as supplied does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F. 2d 962 (11th Cir., 1992)

Appropriate Engineering Controls

Engineering Measures Showers, Eyewash stations, Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection None required for consumer use. If splashes are likely to occur, wear safety glasses with side-shields

Skin and Body Protection None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing

Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required

Hygiene Measures Handle in accordance with good industrial hygiene and safety practices. Take off contaminated clothing and wash before reuse

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State Liquid
Appearance Straw-colored
Odor Characteristic
Odor threshold No information available

Property

pH 6.5 – 8.8
Melting/Freezing Point No data available
Boiling Point/Boiling Range 100°C / 212°F
Flashpoint None
Evaporation No data available
Flammability (solid, gas) None
Upper/Lower flammability Limits No data available
Vapor Pressure No data available
Vapor Density No data available
Specific Gravity 1.01
Water Solubility Dispersible

Solubility in other solvents	No data available
Partition coefficient:	
n-octanol/water	No data available
Autoignition Temperature	No data available
Viscosity	Water-thin
VOC Content (%)	Negligible

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical Stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Hazard Polymerization

Hazardous polymerization does not occur

Conditions to Avoid

Do not exposed to extreme temperatures for long periods of time. Close containers when not in use.

Incompatible Materials

Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

Hazardous Decomposition Products

Carbon oxides

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the mixture is not available
Eye Contact	Specific test data for the mixture is not available
Skin Contact	Specific test data for the mixture is not available. May cause sensitization by skin contact
Ingestion	Specific test data for the mixture is not available

Component Information No information available

Information on toxicological effects

Symptoms Itching, Rashes, Hives

Delayed and immediate effects as well as chronic effect from short and long term exposure

Sensitization May cause sensitization of susceptible persons. May cause sensitization by skin contact

Mutagenic Effects No information available

Carcinogenicity Contains no ingredient listed as a carcinogen

Reproductive Toxicity No information available

STOT – single exposure No information available

STOT – repeated exposure No information available

Chronic Toxicity No known effect based on available information

Target Organ Effects Skin

Aspiration Hazard No information available

Numerical measures of Toxicity

Not applicable

12. ECOLOGICAL INFORMATION

Eco-toxicity, Persistence and Degradability, and Bioaccumulation

This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal Methods This material, as supplied, is not hazardous waste to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40CFR 261 to determine whether the altered material is a hazardous waste. Consult with the appropriate State, Regional, or Local regulations for additional requirements.

Contaminated Packaging Dispose of contents/containers in accordance with local regulations.

14. TRANSPORTATION INFORMATION

<u>DOT</u>	Not Regulated
Proper Shipping Name	Not Regulated
Hazard Class	N/A
<u>TDG</u>	Not Regulated
<u>MEX</u>	Not Regulated
<u>ICAO</u>	Not Regulated
<u>IATA</u>	Not Regulated
<u>IMDG/IMO</u>	Not Regulated
<u>RID</u>	Not Regulated
<u>ADR</u>	Not Regulated
<u>AND</u>	Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

DSL All components are listed on the DSL

TSCA- United States toxic Substances Control Act – Section 8(b) inventory

DSL- Canadian Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CR 122.42)

CERCLA

This material, as supplied, does not contain any substance regulated as hazardous substances under the Comprehensive Environmental Response and Liability Act (CERCLA) (40 CFR 301) or the Superfund Amendments and Reauthorization Act (SARA) (40CFR 355). There may be specific reporting requirements at the local, regional, or State level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

US State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by State right-to-know

16. OTHER INFORMATION

<u>Hazardous Material Information System</u> <u>(HMIS)</u>	<u>HEALTH</u>	<u>1</u>
	<u>FLAMMABILITY</u>	<u>0</u>
	<u>PHYSICAL HAZARD</u>	<u>0</u>
	<u>PERSONAL PROTECTION</u>	<u>B</u>

ADDITIONAL INFORMATION

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process

Prepared by: CCBC

Date Jan 1, 2020

END OF SDS