



SAFETY DATA SHEET

Section 1: Product Identification

Product Name: Cell-Free DNA BCT[®] CE
Synonyms: N/A
CAS Number: Mixture, N/A
Product Use: Stabilization of cell-free plasma DNA
Restrictions: Refer to Instructions for Use (IFU) for additional precautions and limitations.

Manufacturer: Streck
Address: 7002 S. 109 St,
La Vista, NE, 68128

Emergency: Business hours: 1-402-333-1982
24hr (Chem.-Tel): 1-800-255-3924

Section 2: Hazards Identification

Product is < 0.22ml of self-contained solution and hazards are neutralized upon sample collection. Refer to IFU for proper handling.

Classification: Acute Toxicity: Dermal, Inhalation, Oral, category 3
Carcinogenic, category 1A
Germ Cell Mutagenicity, category 2
Serious eye damage/ Irritation, category 1
Skin Corrosion, category 1B
Skin Sensitization, category 1
Specific target organ toxicity: Single Exposure: Dermal, Oral, Respiratory, category 1
Acute Aquatic Toxicity, category 3
Flammable liquids, category 4

Label Elements: Container labeling is not required on medical devices per 29CFR1910.1200(b)(5)(iii).
Symbol: Corrosives, Exclamation Point, Health Hazard, Skull & Crossbones
Signal Word: Danger

Hazard Statements: Toxic in contact with skin, inhaled or swallowed
May be fatal if swallowed and enters airways
Suspected of causing genetic defects <routes of exposure
Causes severe skin burns and serious eye damage
May cause an allergic skin reaction
Causes damage to the eyes and brain
Harmful to aquatic life
Combustible liquid

Precautionary Statements:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep container tightly closed and store locked up and in a well-ventilated place. Do not breathe mist/vapors/spray or eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

Wear protective gloves/ eye protection/ face protection. Wash skin thoroughly after handling.

IF SWALLOWED: immediately call a POISON CENTER or doctor/physician. Rinse mouth.

Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. Take off contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace. If skin irritation or rash occurs: Get medical advice/ attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER/doctor.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

If exposed or concerned: Get medical advice/ attention. Call a POISON CENTER or doctor/physician

Specific treatment (see supplemental first aid instructions on this label)

Dispose of contents/ container to an approved waste disposal plant and avoid release to the environment.

Keep away from heat/sparks/open flames/ hot surfaces - No Smoking

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Other hazards: No data available

Section 3: Composition

This product contains an anticoagulant and a cell preservative in a liquid medium.

Specific chemical formula is being withheld as a trade secret pursuant to 29 CFR Section 1910.1200(i)(1).

Section 4: First Aid Measures

List specific first aid measures for:

1. **Skin Contact** - Remove any contaminated clothing. Rinse the contacted area with water; then wash with soap and water. Wash clothing before reuse. Consult a physician.
2. **Eye contact** - Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
3. **Ingestion** - Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
4. **Inhalation** - If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

Most important symptoms and effects, both acute and delayed:

Irritation of skin, eyes and/or respiratory system may occur.

Indication of immediate medical attention and special treatment needed:

No data available

Section 5: Fire Fighting Measures

Suitable Extinguishing media	Use water spray, dry sand, alcohol-resistant foam, dry chemical or carbon dioxide. No unsuitable extinguishing media known.
Special hazards arising from the chemical	Carbon oxides, nitrogen oxides (NOx), Potassium oxides.
Special protective equipment and precautions for fire-fighters.	Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

PPE needed for clean up: Use personal protective equipment. Ensure adequate ventilation.

Methods and materials for containment and cleaning up

Spill clean-up procedure: Take up spill or leak with absorbent material and place in a suitable chemical waste container.

Follow-up guidelines: Flush spill area with water. Do not let product enter drains.

Section 7: Handling and Storage

Handling	Avoid contact with skin and eyes. Provide appropriate exhaust ventilation. Normal measures of preventive fire protection.		
Storage	Keep container tightly closed in a dry and well-ventilated place		
Temp	As indicated on product labeling	Avoid	Strong oxidizing agents. Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Warnings	Ensure adequate ventilation. Do not let product enter drains.		

Section 8: Exposure Control and Personal Protection

Control parameters: Occupational exposure limit values, i.e. PEL, STEL and TLV, have not been assigned for this mixture by OSHA or the American Conference of Governmental Industrial Hygienists (ACGIH).

Engineering control recommendations: Use in well-ventilated area

Individual protection measures:

PPE: Standard Laboratory: Hand Protection: Handle with laboratory gloves.
 Eye Protection: Wear safety glasses or face shield.
 Body Protection: Wear appropriate lab coat.

Additional suggestions: No Data available

Section 9: Physical and Chemical Properties

Physical State	Liquid	Color	Colorless
Odor	Odorless	Odor Threshold	No Data Available
pH	5.6	Melting/ Freezing point	No Data Available
Boiling point	No Data Available	Boiling range	No Data Available
Flash Point	No Data Available	Evaporation rate	No Data Available
Flammability	No Data Available	Upper/lower flammability	No Data Available
Explosive limits	No Data Available	Vapor pressure	No Data Available
Vapor density	No Data Available	Relative density	No Data Available
Solubility(ies)	Water Soluble	Partition coefficient: n-octano/ water	No Data Available
Auto-ignition temperature	No Data Available	Decomposition Temperature	No Data Available
Viscosity	12.0		

Section 10: Stability and Reactivity

1. **Reactivity:** No data available
2. **Chemical Stability:** Stable under recommended storage conditions.
3. **Possibility of hazardous reactions:** No data available
4. **Conditions to avoid:** Avoid contact with skin and eyes. Do not let product enter drains.
Incompatible materials: Strong oxidizing agents
5. **Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions – Carbon oxides, Nitrogen oxides (NOx), Ammonia

Section 11: Toxicological Properties

Toxicological effects:	No Data Available
Route(s) of exposure:	Eyes, skin, respiratory and digestive system
Symptoms:	Causes skin, eye respiratory and digestive tract irritation.
Delayed effects:	No Data Available
Immediate effects:	Can irritate with minimal exposure
Chronic effects:	Short exposure: No Data Available Long exposure: No Data Available
Exposure limits	No Data Available
Carcinogenicity	Components of product listed as a carcinogen to humans under the International Agency for Research on Cancer (IARC) and known human carcinogen under the National Toxicity Program (NTP).
Measures of Toxicity	No Data Available

Section 12: Ecological Information

No Data Available

Section 13: Disposal Considerations

To the best of our knowledge, this material does not require special disposal considerations. Adhere to local, state and federal regulations with regard to disposal of this product.

Section 14: Transport Information

This material is not regulated by either IATA or DOT.

Section 15: Regulatory Information

U.S. Federal Regulations

OSHA Hazards

Irritant

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Toxic Substances Control Act (TSCA)

U.S. State Regulations

California Proposition 65

Reproductive Toxicity to both males and females

International Regulations

DSL Status

Some components of this product are on Canadian DSL or NDSL lists.

Section 16: Other

This product is intended for use as supplied.

To the best of our knowledge, the information contained herein is accurate. However, Streck assumes no liability whatsoever for completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist

Date of preparation/ last revision: October 12, 2017