

Safety Data Sheet

ST-BCSN-L C-SAND Kit

Section 1: Identification

Product Details

- Product Identifier: Beta-casein C-SAND - Lab
- Catalog Number: ST-BCSN-L
- Component Names:

Step 1
S1 Buffer
Step 2
S2 Buffer

- Manufacturer: MatMaCorp
6400 Cornhusker Highway
Suite 300
Lincoln Nebraska, 68507
United States of America
+1(402)742-0357
- Further information obtainable from: MatMaCorp Sales & Support
+1(402)387-7900
- Recommended use: For research use only.

Section 2: Hazards Identification

Classification

- Not a hazardous substance or mixture

Hazard Statements

- Not a hazardous substance or mixture

Precautionary Statements

- The product contains no substances which at their given concentration, are considered to be hazardous to health

Signal Word: None

Section 3: Information on Ingredients

Step 1

Components	CAS Number	Composition (w/w)
Proprietary Item 1	Trade Secret	1-5%
Proprietary Item 2	Trade Secret	1-5%
Proprietary Item 3	Trade Secret	1-5%
Proprietary Item 4	Trade Secret	1-5%
Proprietary Item 5	Trade Secret	Less than 1%
Proprietary Item 6	Trade Secret	Less than 1%
Proprietary Item 7	Trade Secret	Less than 1%
Proprietary Item 8	Trade Secret	Less than 1%
Proprietary Item 9	Trade Secret	Less than 1%
Proprietary Item 10	Trade Secret	Less than 1%
Proprietary Item 11	Trade Secret	Less than 1%
Proprietary Item 12	Trade Secret	Less than 1%
Proprietary Item 13	Trade Secret	Less than 1%
Proprietary Item 14	Trade Secret	Less than 1%

Step 2

Components	CAS Number	Composition (w/w)
Proprietary Item 1	Trade Secret	Less than 1%
Proprietary Item 2	Trade Secret	Less than 1%
Proprietary Item 3	Trade Secret	Less than 1%
Proprietary Item 4	Trade Secret	Less than 1%
Proprietary Item 5	Trade Secret	Less than 1%
Proprietary Item 6	Trade Secret	Less than 1%
Proprietary Item 7	Trade Secret	Less than 1%
Proprietary Item 8	Trade Secret	Less than 1%
Proprietary Item 9	Trade Secret	Less than 1%
Proprietary Item 10	Trade Secret	Less than 1%
Proprietary Item 11	Trade Secret	Less than 1%

Section 4: First-Aid Measures

- General advice- Consult a physician. Show this safety data sheet to the doctor in attendance.
- Eye contact- Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician
- Skin contact- Wash off immediately with soap and plenty of water

- Ingestion- Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Clean mouth with water and afterwards drink plenty of water.
- Treat symptomatically

Section 5: Fire-Fighting Measures

- Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
- Special hazards: No information available
- Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary and full protective gear

Section 6: Accidental Release Measures

- Personal Precautions: Avoid contact with skin, eye and clothing. Use personal protective equipment.
- Methods for Containment: Prevent further leakage or spillage if safe to do so.
- Methods for Cleaning up: Cover with dry lime or soda ash. Wash spill site after material pickup is complete.

Section 7: Handling and Storage

Precautions for Safe Handling

- Handle in accordance with good industrial hygiene and safety practice
- Wear appropriate personal protective equipment

Conditions for Safe Storage

- Do not refreeze once thawed.
- Keep containers tightly closed in a dry, dark and well-ventilated place below 0 degrees Celsius or 32 degrees Fahrenheit.
- Protect from light, as excess light will decrease shelf life.

Section 8: Exposure Controls and Personal Protection

Personal Protective Equipment (PPE)

- Eye and Face Protection
 - Avoid contact with eyes. Wear safety glasses.
- Skin and Body Protection
 - Wear protective gloves.
- Hygiene Measures
 - Handle in accordance with good industrial hygiene and safety practice

Section 9: Physical and Chemical Properties

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|--|-------------------|
| – Appearance: | Colorless |
| – Physical State: | Solid |
| – Upper/lower flammability limits: | No data available |
| – Odor: | No data available |
| – Vapor pressure: | No data available |
| – Odor threshold: | No data available |
| – Vapor density: | No data available |
| – pH: | No data available |
| – Relative density: | No data available |
| – Melting point/freezing point: | No data available |
| – Solubility: | No data available |
| – Initial boiling point and boiling range: | No data available |
| – Flash point: | No data available |
| – Evaporation rate: | No data available |
| – Flammability: | No data available |
| – Partition coefficient: n-octanol/water: | No data available |
| – Auto-ignition temperature: | No data available |
| – Decomposition temperature: | No data available |
| – Viscosity: | No data available |

Section 10: Stability and Reactivity

- Chemical Stability: Stable under recommended storage conditions
- Reactivity: None under normal processing
- Conditions to avoid: None Known
- Materials to avoid: None Known
- Hazardous Decomposition Products: None Known

Section 11: Toxicological Information

Acute Toxicity

- Not Classified

Section 12: Ecological Information

Ecotoxicity

- Toxic to fish: No data available
- Toxic to Crustacea: No data available
- Bioaccumulative potential: No data available
- Persistence and degradability: No data available

Section 13: Disposal Considerations

- Waste Disposal Method: Dispose of material in accordance with all federal, state and local regulations
- Contaminated Packaging: Do not re-use empty containers

Section 14: Transport Information

- DOT: Not Regulated
- IATA: Not Regulated

Section 15: Regulatory Information

- | | |
|---|--|
| – Sara Hazards: | None |
| – Clean Water Act: | None |
| – Massachusetts Right to Know Components: | None |
| – Pennsylvania Right to Know Components: | Oligonucleotides |
| – New Jersey Right to Know Components: | Oligonucleotides |
| – 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

The above information is believed to be correct but does not claim to be all inclusive. This document shall be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. MatMaCorp shall not be held liable for any damage resulting from handling or from contact with the above product.