

# Safety Data Sheet

## COVID-19 2SF Test Kit

### Section 1: Identification

#### Product Details

- Product Identifier: COVID-19 2SF Test Kit
- Catalog Number: ST-CV192SF
- Component Names:

S1 Mix
S2 Mix
CNL Buffer
Positive Control
Negative Control

- 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 Emergency Use Authorization (EUA) Only.  
For Rx Use Only.  
For in vitro Diagnostic Use Only.

### Section 2: Hazards Identification

#### Classification

- Eye irritation (Category 2A), H320
- Skin irritation (Category 2), H315

**Hazard Statements**

- Causes eye irritation, H320
- Causes skin irritation, H315

**Precautionary Statements**

- Wear protective gloves/protective clothing/eye protection/face protection P280
- Wash skin thoroughly after handling - P264
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing - P305+P351+P338
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell - P301+P312+P314
- In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. P370+P378
- Dispose of contents/container to an approved waste disposal plant - P501

Signal Word: WARNING

**Section 3: Information on Ingredients**

S1 Mix

<b>Components</b>	<b>CAS Number</b>	<b>Composition (w/w)</b>
Proprietary Item 1	Trade Secret	1-5%
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	10-50%
Proprietary Item 8	Trade Secret	1-5%
Proprietary Item 9	Trade Secret	10-50%
Proprietary Item 10	Trade Secret	1-5%
Proprietary Item 11	Trade Secret	Less than 1%
Proprietary Item 12	Trade Secret	Less than 1%
Proprietary Item 13	Trade Secret	1-5%
Proprietary Item 14	Trade Secret	5-10%
Proprietary Item 15	Trade Secret	10-50%

## S2 Mix

<b>Components</b>	<b>CAS Number</b>	<b>Composition (w/w)</b>
Proprietary Item 1	Trade Secret	Less than 1%
Proprietary Item 2	Trade Secret	Less than 1%
Proprietary Item 3	Trade Secret	1-5%
Proprietary Item 4	Trade Secret	1-5%
Proprietary Item 5	Trade Secret	1-5%
Proprietary Item 6	Trade Secret	10-50%
Proprietary Item 7	Trade Secret	10-50%
Proprietary Item 8	Trade Secret	10-50%
Proprietary Item 9	Trade Secret	10-50%

## Positive Control

<b>Components</b>	<b>CAS Number</b>	<b>Composition (w/w)</b>
Oligonucleotides	93384-15-7	10-50%
Trehalose Dihydrate	6138-23-4	1-5%
Raffinose Pentahydrate	17629-30-0	1-5%

## Lysis Buffer CNL

<b>Components</b>	<b>CAS Number</b>	<b>Composition (w/w)</b>
Tris-hydrochloride	77-86-1	Less than 1%
EDTA	60-00-4	Less than 1%
GITC	593-84-0	Less than 1%
Bovine Serum Albumin (BSA)	9048-46-8	1-5%

## Negative Control

<b>Components</b>	<b>CAS Number</b>	<b>Composition (w/w)</b>
Tris-hydrochloride	77-86-1	Less than 1%
EDTA	60-00-4	Less than 1%
GITC	593-84-0	Less than 1%
Bovine Serum Albumin (BSA)	9048-46-8	1-5%
Viral Transport Medium	Mixture	50-100%

## 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 rehydrated.
- Keep containers tightly closed in a dry, dark and well-ventilated place between 15 degrees Celsius or 59 degrees Fahrenheit and 30 degrees Celsius or 86 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

- |  |                   |
|--|-------------------|
| – 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: Edetic Acid, CAS 60-00-4
- Pennsylvania Right to Know Components: Oligonucleotides  
Tris-HCL, CAS 1185-53-1  
Edetic Acid, CAS 60-00-4  
Raffinose Pentahydrate, CAS 17629-30-0
- New Jersey Right to Know Components: Oligonucleotides  
Tris-HCL, CAS 1185-53-1  
Edetic Acid, CAS 60-00-4  
Raffinose Pentahydrate, CAS 17629-30-0
- 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.