

## 1. Product and Company Identification

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Product Name: Coronavirus Environmental Test Kit

Catalog Number: T1401

Manufacturer/Supplier: Chai Inc.  
990 Richard Ave, Suite 110  
Santa Clara, CA 95050  
Phone: +1 (650) 779-5577  
www.chaibio.com

This kit is comprised of multiple components, listed below, each of which may have its own Safety Data Sheet (SDS). If a component does not have a Safety Data sheet included, the item does not require a Safety Data Sheet.

## 2. Kit Components

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- Sahara One-Step RT-qPCR Master Mix with UNG
- One-Step DNA/RNA Extraction Buffer
- Coronavirus Environmental Oligo Mix
- Cofactor Buffer
- DNase/RNase-Free Distilled Water
- SARS-CoV-2 N Positive Control
- Environmental swabs, sterile

**1. Product and Company Identification**

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Product Name:	<b>Sahara One-Step RT-qPCR Master Mix with UNG</b>
Catalog Number:	R02311
Manufacturer/Supplier:	Chai Inc. 990 Richard Ave, Suite 110 Santa Clara, CA 95050 Phone: +1 (650) 779-5577

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**2. Hazard Identification**

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Component	Description	Safety Information
Sahara One-Step RT-qPCR Master Mix with UNG	Mixture	Not a hazardous substance or mixture. May cause mild irritation to the eyes and skin.

**3. Composition/Information on Ingredients**

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This product is a proprietary aqueous mixture. It is not hazardous, and the components at their given concentrations do not exceed the limits specified in the GHS regulations.

**4. First Aid Measures**

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A Skin Contact	Wash off immediately with plenty of water. If symptoms occur, obtain medical advice.
B Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.
C Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
D Inhalation	Move person to fresh air. If symptoms persist, seek medical attention. If not breathing, and if you are trained in cardiopulmonary resuscitation (CPR), perform artificial respiration as you wait for the emergency response team.
E Notes to Physician	Treat symptomatically.

## 5. Firefighting Measures

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A	Extinguishing method	Ordinary extinguishing procedures can be used in case of fire.
B	Extinguishing agent	Water, powder, CO <sub>2</sub> , or bubble foam can be used.
C	Extinguishing media	No prohibited media.

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## 6. Accidental Release Measures

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A	Personal precautions	Avoid breathing vapors, mist or gas. Use personal protection equipment.
B	Environmental precautions	Prevent product from entering drains.
C	Methods for cleaning up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

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## 7. Handling and Storage

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A	Handling	Avoid contact with skin and eyes. Always wear recommended personal protective equipment.
B	Storage	Store protected from light and in properly labeled containers.

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## 8. Exposure Controls/Personal Protection

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A	Control parameter	Prevent product from entering drains. Ensure adequate ventilation.
B	Personal protective equipment	<p><b>Hand Protection:</b> Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands and dry.</p> <p><b>Respiratory protection:</b> Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p> <p><b>Eye protection:</b> Safety glasses with side-shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).</p> <p><b>Hygiene measures:</b> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p>

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## 9. Physical and Chemical Properties

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Appearance (physical state, color etc.)	Clear, colorless
Odor	No information available
Odor threshold	No information available
pH	8 – 9
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Partition coefficient	No information available
Relative density	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

## 10. Stability and Reactivity

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A Chemical stability	Stable under recommended storage conditions
B Possibility of hazardous reactions	No information available
C Conditions to avoid (e.g. static discharge, shock, or vibration)	No information available
D Incompatible materials	Strong oxidizing agents
E Hazardous decomposition products	No information available

## 11. Toxicological Information

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A	Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	No information available
B	Symptoms related to the physical, chemical and toxicological characteristics	May cause slight irritation to eyes and skin
C	Delayed and immediate effects; chronic effects from short- and long-term exposure	No information available
D	Numerical measures of toxicity (such as acute toxicity estimates)	No information available

## 12. Ecological Information

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A	Ecotoxicity (aquatic and terrestrial, where available)	No information available
B	Persistence and degradability	No information available
C	Bioaccumulative potential	No information available
D	Mobility in the soil	No information available
E	Other adverse effects	No information available

## 13. Disposal Information

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Dispose of contents/containers in accordance with local regulations.

## 14. Transport Information

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A	UN number	None
B	UN proper shipping name	Not classified as dangerous under transport regulations
C	Transport hazard class	None
D	Packing group	None
E	Environmental hazards (e.g. marine pollutant)	None
F	Special precautions for user	None

## 15. Regulatory Information

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

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## 16. Other Information Including Information on Preparation and Revision of the SDS

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For research use only. Not intended for human or animal diagnostic or therapeutic uses.

This information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all-inclusive and is to be used only as a guide. All materials, solutions, and mixtures may present unknown hazards and should be used with caution. Since Chai cannot control the actual methods, conditions, or volumes of use, Chai Inc. shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

**1. Product and Company Identification**

Product Name:	One-Step DNA/RNA Extraction Buffer
Catalog Number:	R05210
Manufacturer/Supplier:	Chai Inc. 990 Richard Ave, Suite 110 Santa Clara, CA 95050 Phone: +1 (650) 779-5577

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**2. Hazard Identification**

2.1 Classification of the mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Component	Description	Safety Information
One-Step DNA/RNA Extraction Buffer	Mixture	Not a hazardous substance or mixture

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture

**3. Composition/Information on Ingredients**

This product is a proprietary mixture.

**4. First Aid Measures**

A Skin Contact	Wash off immediately with plenty of water. If symptoms occur, obtain medical advice.
B Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.
C Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
D Inhalation	Move person to fresh air. If symptoms persist, seek medical attention. If not breathing, and if you are trained in cardiopulmonary resuscitation (CPR), perform artificial respiration as you wait for the emergency response team.
E Notes to Physician	Treat symptomatically.

## 5. Firefighting Measures

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A	Extinguishing method	Ordinary extinguishing procedures can be used in case of fire.
B	Extinguishing agent	Water, powder, CO <sub>2</sub> , or bubble foam can be used.
C	Extinguishing media	No information available on prohibited media.

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## 6. Accidental Release Measures

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A	Personal precautions	Avoid breathing vapors, mist or gas. Use personal protection equipment.
B	Environmental precautions	No special environmental precautions required.
C	Methods for cleaning up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

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## 7. Handling and Storage

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A	Handling	Avoid contact with skin and eyes. Always wear recommended personal protective equipment.
B	Storage	Keep in a dry, cool, and well-ventilated place. Store in properly labeled containers.

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## 8. Exposure Controls/Personal Protection

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A	Control parameter	Prevent product from entering drains. Ensure adequate ventilation.
B	Personal protective equipment	<p><b>Hand Protection:</b> Handle with gloves. Gloves must be inspected prior to use. Use of proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands and dry.</p> <p><b>Respiratory protection:</b> Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p> <p><b>Eye protection:</b> Safety glasses with side-shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).</p> <p><b>Hygiene measures:</b> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p>

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## 9. Physical and Chemical Properties

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Appearance (physical state, color etc.)	Colorless liquid
Odor	No information available
Odor threshold	No information available
pH	5.6 – 6.4
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Partition coefficient	No information available
Relative density	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

## 10. Stability and Reactivity

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A Chemical stability	Stable under recommended storage conditions
B Possibility of hazardous reactions	No information available
C Conditions to avoid (e.g. static discharge, shock, or vibration)	No information available
D Incompatible materials	No information available
E Hazardous decomposition products	No information available

## 11. Toxicological Information

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A	Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	No information available
B	Symptoms related to the physical, chemical and toxicological characteristics	No information available
C	Delayed and immediate effects; chronic effects from short- and long-term exposure	No information available
D	Numerical measures of toxicity (such as acute toxicity estimates)	No information available

## 12. Ecological Information

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A	Ecotoxicity (aquatic and terrestrial, where available)	No information available
B	Persistence and degradability	No information available
C	Bioaccumulative potential	No information available
D	Mobility in the soil	No information available
E	Other adverse effects	No information available

## 13. Disposal Information

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Dispose of contents/containers in accordance with local regulations.

## 14. Transport Information

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A	UN number	None
B	UN proper shipping name	Not classified as dangerous under transport regulations
C	Transport hazard class	None
D	Packing group	None
E	Environmental hazards (e.g. marine pollutant)	None
F	Special precautions for user	None

## 15. Regulatory Information

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

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## 16. Other Information Including Information on Preparation and Revision of the SDS

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THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANT ABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

**1. Product and Company Identification**

Product Name: **Coronavirus Environmental Oligo Mix**

Manufacturer/Supplier: Chai Inc.  
 990 Richard Ave, Suite 110  
 Santa Clara, CA 95050  
 Phone: +1 (650) 779-5577

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**2. Hazard Identification**

2.1 Classification of the mixture

GHS classification in accordance with 29 CFR 1910 (OSHA HCS)

Component	Description	Safety Information
Oligodeoxyribonucleic acid, Modified	Mixture	Not a hazardous substance or mixture

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture

**3. Composition/Information on Ingredients**

This product is a proprietary aqueous mixture. The product contains 85%-95% unmodified oligodeoxyribonucleic acid and 5%-15% non-radioactive modified oligodeoxyribonucleic acid with no substances which at their given concentration, are considered to be hazardous to health.

**4. First Aid Measures**

A Skin Contact	Wash off immediately with plenty of water and soap or mild detergent. If symptoms occur, obtain medical advice.
B Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.
C Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
D Inhalation	Move person to fresh air. If symptoms persist, seek medical attention. If not breathing, and if you are trained in cardiopulmonary resuscitation (CPR), perform artificial respiration as you wait for the emergency response team.
E Notes to Physician	Treat symptomatically.

## 5. Firefighting Measures

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A	Extinguishing method	Ordinary extinguishing procedures can be used in case of fire.
B	Extinguishing agent	Water, dry chemical, CO <sub>2</sub> , or bubble foam can be used. Do not aerosolize the powder.
C	Extinguishing media	No information available on prohibited media.

## 6. Accidental Release Measures

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A	Personal precautions	Avoid breathing vapors, mist or gas. Use personal protection equipment.
B	Environmental precautions	No special environmental precautions required.
C	Methods for cleaning up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

## 7. Handling and Storage

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A	Handling	Avoid contact with skin and eyes. Always wear recommended personal protective equipment.
B	Storage	Keep in a dry, cool, and well-ventilated place. Store in properly labeled containers. Avoid direct exposure to light.

## 8. Exposure Controls/Personal Protection

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A	Control parameter	Ensure adequate ventilation.
B	Personal protective equipment	<p><b>Hand Protection:</b> Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands and dry.</p> <p><b>Respiratory protection:</b> Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p> <p><b>Eye protection:</b> Safety glasses with side-shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).</p> <p><b>Hygiene measures:</b> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p>

## 9. Physical and Chemical Properties

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Appearance (physical state, color etc.)	Light pink/purple liquid
Odor	None
Odor threshold	No information available
pH	Not applicable
Molecular Weight	Varies
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Partition coefficient	No information available
Relative density	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

## 10. Stability and Reactivity

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A Chemical stability	Stable under recommended storage conditions
B Possibility of hazardous reactions	No dangerous reaction known under normal use
C Conditions to avoid (e.g. static discharge, shock, or vibration)	Avoid direct exposure to light
D Incompatible materials	No dangerous reaction known under normal use
E Hazardous decomposition products	No information available

## 11. Toxicological Information

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A	Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	No information available
B	Symptoms related to the physical, chemical and toxicological characteristics	No information available
C	Delayed and immediate effects; chronic effects from short- and long-term exposure	No information available
D	Numerical measures of toxicity (such as acute toxicity estimates)	No information available

## 12. Ecological Information

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A	Ecotoxicity (aquatic and terrestrial, where available)	No information available
B	Persistence and degradability	No information available
C	Bioaccumulative potential	No information available
D	Mobility in the soil	No information available
E	Other adverse effects	No information available

## 13. Disposal Information

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Dispose of contents/containers in accordance with local regulations.

## 14. Transport Information

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A	UN number	None
B	UN proper shipping name	Not classified as dangerous under transport regulations
C	Transport hazard class	None
D	Packing group	None
E	Environmental hazards (e.g. marine pollutant)	None
F	Special precautions for user	None

## 15. Regulatory Information

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

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## 16. Other Information Including Information on Preparation and Revision of the SDS

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## 1. Product and Company Identification

Product Name:	Cofactor Buffer
Catalog Number:	002263
Manufacturer/Supplier:	Chai Inc. 990 Richard Ave, Suite 110 Santa Clara, CA 95050 Phone: +1 (650) 779-5577

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

## 2. Hazard Identification

### 2.1 Classification of the mixture

GHS classification in accordance with 29 CFR 1910 (OSHA HCS)

Component	Description	Safety Information
Cofactor Buffer	Mixture	Not a hazardous substance or mixture

### 2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture

## 3. Composition/Information on Ingredients

This product is a proprietary mixture. The product contains no substances which at their given concentration are considered to be hazardous to health.

## 4. First Aid Measures

A Skin Contact	Wash off immediately with plenty of water. If symptoms occur, obtain medical advice.
B Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.
C Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
D Inhalation	Move person to fresh air. If symptoms persist, seek medical attention. If not breathing, and if you are trained in cardiopulmonary resuscitation (CPR), perform artificial respiration as you wait for the emergency response team.
E Notes to Physician	Treat symptomatically.

## 5. Firefighting Measures

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A	Extinguishing method	Ordinary extinguishing procedures can be used in case of fire.
B	Extinguishing agent	Water, powder, CO <sub>2</sub> , or bubble foam can be used.
C	Extinguishing media	No information available on prohibited media.

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## 6. Accidental Release Measures

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A	Personal precautions	Avoid breathing vapors, mist or gas. Use personal protection equipment.
B	Environmental precautions	No special environmental precautions required.
C	Methods for cleaning up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

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## 7. Handling and Storage

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A	Handling	Avoid contact with skin and eyes. Always wear recommended personal protective equipment.
B	Storage	Keep in a dry, cool, and well-ventilated place. Store in properly labeled containers.

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## 8. Exposure Controls/Personal Protection

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A	Control parameter	Prevent product from entering drains. Ensure adequate ventilation.
B	Personal protective equipment	<p><b>Hand Protection:</b> Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands and dry.</p> <p><b>Respiratory protection:</b> Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p> <p><b>Eye protection:</b> Safety glasses with side-shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).</p> <p><b>Hygiene measures:</b> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p>

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## 9. Physical and Chemical Properties

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Appearance (physical state, color etc.)	Clear, colorless to light pink liquid
Odor	None
Odor threshold	No information available
pH	No information available
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability	Does not sustain combustion. Not flammable
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Partition coefficient	No information available
Relative density	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

## 10. Stability and Reactivity

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A Chemical stability	Stable under recommended storage conditions
B Possibility of hazardous reactions	No dangerous reaction known under normal use
C Conditions to avoid (e.g. static discharge, shock, or vibration)	No information available
D Incompatible materials	No information available
E Hazardous decomposition products	No hazardous decomposition products are known

## 11. Toxicological Information

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A	Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	May cause skin and eye irritation
B	Symptoms related to the physical, chemical and toxicological characteristics	No information available
C	Delayed and immediate effects; chronic effects from short- and long-term exposure	No information available
D	Numerical measures of toxicity (such as acute toxicity estimates)	No information available

## 12. Ecological Information

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A	Ecotoxicity (aquatic and terrestrial, where available)	Not expected to absorb on soil
B	Persistence and degradability	No information available
C	Bioaccumulative potential	No information available
D	Mobility in the soil	No information available
E	Other adverse effects	No information available

## 13. Disposal Information

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Dispose of contents/containers in accordance with local regulations.

## 14. Transport Information

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A	UN number	None
B	UN proper shipping name	Not classified as dangerous under transport regulations
C	Transport hazard class	None
D	Packing group	None
E	Environmental hazards (e.g. marine pollutant)	None
F	Special precautions for user	None

## 15. Regulatory Information

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

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## 16. Other Information Including Information on Preparation and Revision of the SDS

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THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

**1. Product and Company Identification**

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Product Name:	<b>DNase/RNase-Free Distilled Water</b>
Catalog Number:	001922
Manufacturer/Supplier:	Chai Inc. 990 Richard Ave, Suite 110 Santa Clara, CA 95050 Phone: +1 (650) 779-5577

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**2. Hazard Identification**

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2.1 Classification of the mixture

GHS classification in accordance with 29 CFR 1910 (OSHA HCS)

<b>Component</b>	<b>Safety Information</b>
DNase/RNase-Free Distilled Water	Not a hazardous substance

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance

**3. Composition/Information on Ingredients**

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

**4. First Aid Measures**

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A Skin Contact	Wash off immediately with plenty of water. Immediate medical attention is not required.
B Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.
C Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use, If you feel unwell, see medical advice.
D Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
E Notes to Physician	Treat symptomatically.

## 5. Firefighting Measures

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A	Extinguishing method	Ordinary extinguishing procedures can be used in case of fire.
B	Extinguishing agent	Water, powder, CO <sub>2</sub> , or bubble foam can be used.
C	Extinguishing media	No information available on prohibited media.

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## 6. Accidental Release Measures

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A	Personal precautions	Avoid breathing vapors, mist or gas. Use personal protection equipment.
B	Environmental precautions	No special environmental precautions required.
C	Methods for cleaning up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

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## 7. Handling and Storage

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A	Handling	Always wear recommended personal protective equipment. No special handling advices are necessary.
B	Storage	Keep in a dry, cool, and well-ventilated place. Store in properly labeled containers.

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## 8. Exposure Controls/Personal Protection

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A	Control parameter	Contains no substances with occupational exposure limit values. Ensure adequate ventilation.
B	Personal protective equipment	<p><b>Hand Protection:</b> Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands and dry.</p> <p><b>Respiratory protection:</b> Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p> <p><b>Eye protection:</b> Safety glasses with side-shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).</p> <p><b>Hygiene measures:</b> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p>

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## 9. Physical and Chemical Properties

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Appearance (physical state, color etc.)	Clear, colorless liquid
Odor	None
Odor threshold	No information available
pH	6-8
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Partition coefficient	No information available
Relative density	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

## 10. Stability and Reactivity

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A Chemical stability	Stable under recommended storage conditions
B Possibility of hazardous reactions	No dangerous reaction known under normal use
C Conditions to avoid (e.g. static discharge, shock, or vibration)	No information available
D Incompatible materials	No dangerous reaction known under normal use
E Hazardous decomposition products	No information available



## 11. Toxicological Information

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A	Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	No evidence available indicating acute toxicity
B	Symptoms related to the physical, chemical and toxicological characteristics	Data are conclusive but insufficient for classification
C	Delayed and immediate effects; chronic effects from short- and long-term exposure	Data are conclusive but insufficient for classification
D	Numerical measures of toxicity (such as acute toxicity estimates)	Data are conclusive but insufficient for classification

## 12. Ecological Information

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A	Ecotoxicity (aquatic and terrestrial, where available)	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
B	Persistence and degradability	No information available
C	Bioaccumulative potential	No information available
D	Mobility in the soil	No information available
E	Other adverse effects	No information available

## 13. Disposal Information

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Dispose of contents/containers in accordance with local regulations.

## 14. Transport Information

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A	UN number	None
B	UN proper shipping name	Not classified as dangerous under transport regulations
C	Transport hazard class	None
D	Packing group	None
E	Environmental hazards (e.g. marine pollutant)	None
F	Special precautions for user	None

## 15. Regulatory Information

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

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## 16. Other Information Including Information on Preparation and Revision of the SDS

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For research use only. Not intended for human or animal diagnostic or therapeutic uses.

This information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all-inclusive and is to be used only as a guide. All materials, solutions, and mixtures may present unknown hazards and should be used with caution. Since Chai cannot control the actual methods, conditions, or volumes of use, Chai Inc. shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

**1. Product and Company Identification**

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Product Name: **SARS-CoV-2 N Positive Control**

Manufacturer/Supplier: Chai Inc.  
 990 Richard Ave, Suite 110  
 Santa Clara, CA 95050  
 Phone: +1 (650) 779-5577

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**2. Hazard Identification**

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2.1 Classification of the mixture

GHS classification in accordance with 29 CFR 1910 (OSHA HCS)

Component	Description	Safety Information
SARS-CoV-2 N Positive Control	Mixture	Not a hazardous substance or mixture

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture

**3. Composition/Information on Ingredients**

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Oligodeoxyribonucleic acid with no substances which at their given concentration, are considered to be hazardous to health.

**4. First Aid Measures**

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A Skin Contact	Wash off immediately with plenty of water and soap or mild detergent. If symptoms occur, obtain medical advice.
B Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.
C Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
D Inhalation	Move person to fresh air. If symptoms persist, seek medical attention. If not breathing, and if you are trained in cardiopulmonary resuscitation (CPR), perform artificial respiration as you wait for the emergency response team.
E Notes to Physician	Treat symptomatically.

## 5. Firefighting Measures

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A	Extinguishing method	Ordinary extinguishing procedures can be used in case of fire.
B	Extinguishing agent	Water, dry chemical, CO <sub>2</sub> , or bubble foam can be used. Do not aerosolize the powder.
C	Extinguishing media	No information available on prohibited media.

## 6. Accidental Release Measures

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A	Personal precautions	Avoid breathing vapors, mist or gas. Use personal protection equipment.
B	Environmental precautions	No special environmental precautions required.
C	Methods for cleaning up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

## 7. Handling and Storage

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A	Handling	Avoid contact with skin and eyes. Always wear recommended personal protective equipment.
B	Storage	Keep in a dry, cool, and well-ventilated place. Store in properly labeled containers.

## 8. Exposure Controls/Personal Protection

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A	Control parameter	Ensure adequate ventilation.
B	Personal protective equipment	<p><b>Hand Protection:</b> Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands and dry.</p> <p><b>Respiratory protection:</b> Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p> <p><b>Eye protection:</b> Safety glasses with side-shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).</p> <p><b>Hygiene measures:</b> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.</p>

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## 9. Physical and Chemical Properties

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Appearance (physical state, color etc.)	Clear liquid
Odor	None
Odor threshold	No information available
pH	7 – 8
Molecular Weight	Varies
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Partition coefficient	No information available
Relative density	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

## 10. Stability and Reactivity

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A Chemical stability	Stable under recommended storage conditions
B Possibility of hazardous reactions	No dangerous reaction known under normal use
C Conditions to avoid (e.g. static discharge, shock, or vibration)	No information available
D Incompatible materials	No information available
E Hazardous decomposition products	No information available

## 11. Toxicological Information

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A	Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	No information available
B	Symptoms related to the physical, chemical and toxicological characteristics	No information available
C	Delayed and immediate effects; chronic effects from short- and long-term exposure	No information available
D	Numerical measures of toxicity (such as acute toxicity estimates)	No information available

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