

Safety Data Sheet

Version No: 1.1

Preparation Date: 19 Feb 2021

SARS-CoV-2 RT-PCR Environmental Surface Testing Kit

1. Product and Company Identification

Product name	:	SARS-CoV-2 RT_PCR Environmental Surface Testing Kit
Product code	:	NAT-04
Other names	:	NA
Material uses	:	Non Clinical 'Research Use Only' Facility Surface Testing
Supplier/Manufacturer	:	HA TECH PTY LTD 31/11-13 Brookhollow Avenue Norwest Business Park Baulkham Hills 2153 Australia Telephone 61 (0) 404631485 info@ha-tech-ltd.com
Tech Support	:	info@ha-tech-ltd.com
Emergency telephone number	:	13 11 26 (Poisons Information Centre, Australia)
Product type	:	RT-PCR Non Clinical 'Research Use Only' Facility/ Environmental Surface Testing Kit

2. Hazards identification

Hazard Classification	:	Not a hazardous substance or mixture Hazards not otherwise classified (HNOC): Not applicable
Statement of hazardous/dangerous nature	:	Not a hazardous substance or mixture according to the Globally Harmonized System (GHS) NON-DANGEROUS GOODS.
Biological safety	:	There are no tissues, tissue derivatives, cells or substances of Recombinant origin. There are substances of microbial origin that have been processed to ensure the highest standards of safety. However, all biological material should be treated as potentially infectious and appropriate handling and disposal methods followed.

3. Composition/information on ingredients

Kit component	Chemical/ Nucleic Acid compounds	CAS number	Proportion, %
RT-PCR Reaction Mix	Master Mix, Enzyme Mix and Potassium Chloride	7447-40-7 (Potassium Chloride)	35-40
Oligo Mix	Oligonucleotide	Not applicable	15-16
Positive Control	SARS-Cov-2 RNA Control (deactivated)	Not applicable	< 5
Negative Control	Nuclease Free Water	Not applicable	35-40

* Other ingredients, determined not to be hazardous according to NOHSC criteria

4. First-aid measures

- Eyes** : Immediately flush eyes with plenty of water for at least 15 minutes. Ensure adequate flushing by separating the eyelids with clean fingers. Get medical attention if irritation occurs.
- Skin** : In case of contact promptly wash exposed areas thoroughly with soap and water. Obtain medical attention if irritation develops.
- Ingestion** : Rinse mouth with plenty of water. Do not give anything by mouth to an unconscious person
- Inhalation** : Remove individual to fresh air. Obtain medical attention if breathing becomes difficult.

5. Fire-fighting measures

- Extinguishing media** : Use any extinguishing agent suitable for the surrounding fire
- Hazard from combustion products** : Hazardous combustion gases or vapours possible
- Firefighting instructions** : Wear self-contained breathing apparatus and protective clothing suitable for fighting a typical fire involving chemical reagents

6. Accidental release measures

- Methods for cleaning up** : Wear personal protective equipment as specified in section 8. Clean up spills in a manner that does not create aerosols. Contain the spill and absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

Handling	:	Avoid contact with eyes, skin and clothing. Wear protective clothing, chemical safety glasses and disposable gloves (latex/non-latex) when using this product. Wash hands after handling this product.
Storage	:	Store at -20°C

8. Exposure controls/personal protection

Exposure limits	:	Not applicable
Biological limit values	:	Not applicable
Engineering controls	:	Showers, Eyewash stations and ventilation systems
Personal protective equipment	:	Protective clothing, safety glasses and protective gloves (latex, non-latex)

9. Physical and chemical properties

Physical state	:	liquids
Odour	:	No data available
pH	:	No data available
Vapour pressure	:	No data available
Vapour density	:	No data available
Boiling point/range	:	No data available
Freezing/melting point	:	No data available
Solubility	:	All components are miscible with water
Specific gravity	:	No data available

10. Stability and reactivity

Chemical stability	:	Kit components are stable under recommended storage condition
Incompatible Materials	:	Strong oxidizing agents
Hazardous decomposition products	:	Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.
Hazardous reaction	:	Will not occur under normal processing condition.

11. Toxicological information

Specific toxicological data on this product is not available.

12. Ecological information

Exotoxicity	:	No data available
Persistence and degradability	:	No data available
Mobility	:	Specific data not available for this product
Results of PBT and vPvB Assessment	:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

13. Disposal considerations

Methods of disposal : Treat as potentially infectious.
 Dispose of waste and unused product in compliance with federal, state and local regulations.
 It is the responsibility of the user to classify the waste prior to disposal. Disposal into drains is to be discouraged and is not recommended as good laboratory practice.

14. Transport information

Special requirements : None required

15. Regulatory information

Regulatory information : All kit components:
 Not classified as Dangerous Goods according to the ADG
 Not classified as Hazardous according to criteria of the NOHSC
 Not classified as a Scheduled Poison according to SUSDP

16. Other information

Date of preparation of this SDS : 29 Jan 2021

Acronyms :

ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
CAS	Chemical Abstracts Service (registry number)
NOHSC	National Occupational Health and Safety Commission
SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons
HNOC	Hazard Not Otherwise Classified

Other : Please read all labels and information provided with the product carefully before using this product

Note

The information provided in this Safety Data Sheet is believed to be correct at the date of preparation but does not claim to be all inclusive. It is provided with the intention of allowing proper and safe use, storage and disposal of the product. It is not a warranty or specification of product quality. HA TECH PTY LTD shall not be held liable for any damage resulting from handling or from contact with the above product. Refer to www.ha-tech-ltd.com and the invoice for additional terms and conditions of sale.

End of Safety Data Sheet