

naica[®] PCR MIX (5X, 10X) and naica[®] multiplex PCR MIX (5X, 10X)

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2017/776)

SUP-00044 rev.D

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name/designation : naica[®] PCR MIX 5X; naica[®] PCR MIX 10X; naica[®] multiplex PCR MIX 5X; naica[®] multiplex PCR MIX 10X
Article No. (user) : R10051, R10054, R10055, R10056, R10101, R10104, R10105, R10106.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : For Research Use Only. Not for use in diagnostic procedures.
Uses advised against : No data available.

1.3. Details of the supplier of the safety data sheet

Supplier : Name: Stilla Technologies
Street: 1 mail du Professeur Georges Mathé
Postal code/City: 94800 Villejuif
Country: France
Telephone: (+33) 09 82 29 50 50
E-mail: info@stilla.fr

1.4. Emergency Telephone Number

European Union: Contact your local poison center. See section 16.7

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

The product is not classified as dangerous.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms -
Signal word -
Product identifiers -
Hazard Statements -
Supplemental Hazard information (EU) -
Precautionary Statements - General -
Precautionary Statements - Prevention -
Precautionary Statements - Response -
Precautionary Statements - Storage -
Precautionary Statements - Disposal -

2.3. Other hazards

Not available

SECTION 3: Composition/information on ingredients

3.1. Substances

The product does not contain any hazardous ingredients at or above regulated thresholds.

3.2. Mixtures

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

3.3. Remark

Text phrases and H- EUH-: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary. Provide fresh air.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water.
Following Ingestion	:	If swallowed: Rinse mouth. Do NOT induce vomiting.
Self-protection of first aiders	:	No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO ₂). Sand.
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Ensure that waste is collected and contained. Contain leaks or spills within cabinets with removable trays.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal. Absorb with liquid-binding material (e.g., sand, diatomaceous earth, acid- or universal binding agents). Wipe up with absorbent material (e.g., cloth, fleece).

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

No special measures are necessary.

Advice on general occupational hygiene

Wash hands before breaks and after work.

Remove contaminated, saturated clothing.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place. Keep container in upright position in order to prevent leakage. Protect container from damage.

Requirements for storage rooms and vessels

Buffer A: Store between -15°C and -25°C; Buffer B: Store between -15°C and -25°C before opening; after opening, store at +15°C and +25°C. Store Buffer A and Buffer B upright and protected from light sources.

Advice on joint storage

Keep away from food, drink, and animal feeding.

7.3. Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/ Personal protection

8.1. Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.
Not available.

8.2. Exposure controls

Appropriate engineering controls: See Section 7. No additional measures necessary.

Personal protection equipment



Eye/face protection : Suitable eye protection: Goggles
Skin protection : Hand protection: Disposable gloves
Body protection: Lab coat.
Respiratory protection: Suitable respiratory protection apparatus: No data available

Environmental exposure controls

No special measures are necessary.

8.3. Additional information

Not available.

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Colorless Or Pale Yellow
Odor:	Odorless
Odor threshold:	Not available
pH:	8.2+/-0.1
Melting point/freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	Not available
Evaporation rate:	Not available
Flammability:	Not available
Upper/lower flammability or explosive limits:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	Not available
Solubility(ies):	Not available
Partition coefficient : n-octanol/water (LogKOC):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidizing properties:	Not available

9.2. Other safety information

Not available.

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Not available.

10.3. Possibility of hazardous reactions

Not available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Not available.

10.7. Additional information

Not available.

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Not available.

Substances

Not available.

11.2. Acute skin toxicity

Data for mixture

Not available.

Substances

Not available.

11.3. Acute inhalation toxicity

Data for mixture

Not available.

Substances

Not available.

11.4. Skin corrosion

Data for mixture

Not available.

Substances

Not available.

11.5. Eye damage

Data for mixture

Not available.

Substances

Not available.

11.6. Skin sensitization

Data for mixture

Not available.

Substances

Not available.

11.7. Specific target organ toxicity - single exposure

Data for mixture

Not available.

Substances

Not available.

11.8. Specific target organ toxicity - repeated exposure

Data for mixture

Not available.

Substances

Not available.

11.9. Carcinogenicity

Data for mixture

Not available.

Substances

Not available.

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available.

Substances

Not available.

11.11. Genotoxicity

Data for mixture

Not available.

Substances

Not available.

11.12. In vitro genotoxicity

Data for mixture

Not available.

Substances

Not available.

11.13. Respiratory sensitization

Data for mixture

Not available.

Substances

Not available.

Additional information

Not available.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

Waste can be considered as a biohazardous waste and must be disposed of according to domestic applicable legislation.

For recycling, contact manufacturer.

13.2. Additional information

Not available.

SECTION 14: Transport information

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI/IATA-DGR)
14.1. UN number	-	-	-	-
14.2. UN proper shipping name	-	-	-	-
14.3. Transport hazard class(es)				
Class or Division	-	-	-	-
Hazard label(s)				
14.4. Packing group	-	-	-	-

14.5. Environmental hazards

Not regulated.

14.6. Special precautions for user

Not regulated.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not regulated.

14.8. Additional information

Not available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006. This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

Not available

15.2. Chemical Safety Assessment

For this substance/mixture a chemical safety assessment is not required. No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier. For this substance/mixture a chemical safety assessment has been elaborated. For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

15.3. Additional information

Not available.

SECTION 16: Other information

Creation date:	28 Jul 2020
Version date:	16 Apr 2024
Indication of changes	Update of the branding
Printing date:	Update of the requirements for storage rooms and vessels Non applicable

16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

CAS: Chemical Abstract Service Number. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail. CLP: Classification, labeling and packaging. VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available.

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Emergency phone number:

 Austria	+43 1 406 43 43	 Latvia	+371 67032 600
 Belgium	+32 (0)22 649 636	 Liechtenstein	112
 Bulgaria	+359 2 93 01 214	 Lithuania	+370 682 92653
 Croatia	+385 1 46 86 910 112	 Luxembourg	+320 22 64 96 36
 Cyprus	112	 Malta	112
 Czech Republic	+420 267 082 236 +420 267 082 230	 Netherlands	112 +31 88 75 585 61
 Denmark	+45 72 54 40 00	 Norway	+45 73580500
 Estonia	+372 7943500	 Poland	112
 Finland	+358 5052 000 +358 09 4711	 Portugal	+351 213303271
 France	+33 (0)1 40 05 48 48 112	 Romania	112
 Germany	112 45 05-5 35 55	 Slovakia	+421 2 5465 2307
 Greece	+30 210 64 79 250	 Slovenia	112
 Hungary	+36 (1) 476 1135	 Spain	+34 91 76 89 800
 Iceland	112 +354 543 2222	 Switzerland	145
 Ireland	+353 (0)1 809 2166	 Sweden	112 (begär Giftinformation)
 Italy	+35 (0)2 6610 1029 112	 United Kingdom	111

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non-identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.