



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31  
English

REVISION DATE: 14 October 2025

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## Section 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product Identifier

**Tradename:** NGS CF Control Panel G211*plus*  
**Article number:** G211*plus*

**1.2** Relevant identified uses of the substance or mixture and uses advised against:  
Sector of use SU20 Health services  
Application of the substance/the mixture

**1.3** NGS CF Control Panel G211*plus* is intended for *in vitro* use as a quality control to monitor the analytical performance of library preparation, sequencing and data analysis associated with Next Generation Sequencing for identifying variants within the CFTR gene.

#### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET, MANUFACTURER/SUPPLIER:

**Maine Molecular Quality Controls, Inc. (MMQCI)**  
23 Mill Brook Rd  
Saco, Maine 04072 (USA)  
E-mail: [info@mmqci.com](mailto:info@mmqci.com)  
[www.mmqci.com](http://www.mmqci.com)

**Manufacturer Phone Number**  
207-885-1072

**Manufacturer Fax Number**  
207-885-1079

**1.4 Emergency telephone number:** 207-885-1072 (EST 8:00-17:30)

## Section 2: HAZARD(S) IDENTIFICATION

**2.1 Classification of the substance or mixture:** Not applicable  
**Classification according to Regulation (EC) No 1272/2008:** Not applicable

**2.2 Label elements:**  
**Labeling according to Regulation (EC) No 1272/2008:** Not applicable  
**Hazard pictograms:** Not applicable  
**Signal word:** Not applicable  
**Hazard statements:** Not applicable

**2.3 Other hazards:**  
**Results of PBT and vPvB assessment:**  
**PBT:** Not applicable  
**vPvB:** Not applicable

This product is not considered to be flammable under ordinary laboratory conditions based on studies performed by MMQCI.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Chemical Characterization:** None

## Section 4: FIRST AID MEASURES

### 4.1 Description of first aid measures:

**General information:** No special measures required  
**After inhalation:** Supply fresh air; consult doctor in case of complaints  
**After skin contact:** Generally, the product does not irritate the skin  
**After eye contact:** Rinse opened eye for several minutes under running water  
**After swallowing:** Rinse mouth with water. Seek medical attention and appropriate follow-up

**4.2 Most important symptoms and effects, both acute and delayed:** Eye irritation

**4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available

## Section 5: FIRE FIGHTING MEASURES

### 5.1 Extinguishing media:

**Suitable extinguishing media:** Not applicable  
**Unsuitable extinguishing media:** Not applicable

**5.2 Special hazards arising from the substance or mixture:** Not applicable

**5.3 Advice for firefighters:** Not applicable

**5.4 Further information:** Not applicable



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## Section 6: ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal Precautions:** Wear appropriate protective clothing  
6.2 **Environmental Precautions:** Wipe up with appropriate absorbent material  
6.3 **Methods and Material for Containment and Cleaning Up:** Normal disposal container  
6.4 **Reference to Other sections:** Section 13 Disposal

## Section 7: HANDLING AND STORAGE

- 7.1 **Precaution for Safe Handling:** Handle per package insert instructions (IFU)  
7.2 **Conditions for Safe Storage:** Store at -25°C to -15°C  
7.3 **Specific End Use(s):** No further relevant information available

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Exposure Limit Values:** None  
8.2 **Exposure Controls:** None  
**PERSONAL PROTECTIVE EQUIPMENT:**  
**Respiratory Protection:** None required  
**Skin Protection:** Lab coat, gloves  
**Ventilation:** Normal  
**Eye Protection:** Safety glasses  
**Work/Hygiene Practices:** Standard laboratory precautions  
**Other Protective Equipment:** None required

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Information on basic physical and chemical properties:**  
**Appearance:** Aqueous solution. No data available  
**Odor:** Fruity  
**Odor threshold:** No data available  
**pH:** No data available  
**Melting point/freezing point:** No data available  
**Initial boiling point and boiling range:** No data available  
**Flash point:** No data available  
**Evaporation rate:** No data available  
**Flammability (solid, gas):** No data available  
**Upper/lower flammability or explosive limits:** No data available  
**Vapor pressure:** No data available  
**Vapor density:** No data available  
**Relative density:** No data available  
**Water solubility:** 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  
**Explosive properties:** No data available  
**Oxidizing properties:** No data available  
9.2 **Other information:** No data available

## Section 10: STABILITY AND REACTIVITY

- 10.1 **Reactivity:** No further relevant information available  
10.2 **Chemical stability Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications  
10.3 **Possibility of hazardous reactions:** No dangerous reactions known  
10.4 **Conditions to avoid:** No further relevant information available  
10.5 **Incompatible materials:** No further relevant information available  
10.6 **Hazardous decomposition products:** No dangerous decomposition products known

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## Section 11: TOXICOLOGICAL INFORMATION

|      |                                                                                   |                                                                  |
|------|-----------------------------------------------------------------------------------|------------------------------------------------------------------|
| 11.1 | <b>Information on toxicological effects:</b>                                      |                                                                  |
|      | <b>Acute toxicity:</b>                                                            | Based on available data, the classification criteria are not met |
| 11.2 | <b>Primary irritant effect:</b>                                                   |                                                                  |
|      | <b>Skin corrosion/irritation:</b>                                                 | Based on available data, the classification criteria are not met |
|      | <b>Serious eye damage/irritation:</b>                                             | Based on available data, the classification criteria are not met |
|      | <b>Respiratory or skin sensitization:</b>                                         | Based on available data, the classification criteria are not met |
| 11.3 | <b>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):</b> |                                                                  |
|      | <b>Germ cell mutagenicity:</b>                                                    | Based on available data, the classification criteria are not met |
|      | <b>Carcinogenicity:</b>                                                           | Based on available data, the classification criteria are not met |
|      | <b>Reproductive toxicity:</b>                                                     | Based on available data, the classification criteria are not met |
|      | <b>STOT-single exposure:</b>                                                      | Based on available data, the classification criteria are not met |
|      | <b>STOT-repeated exposure:</b>                                                    | Based on available data, the classification criteria are not met |
|      | <b>Aspiration hazard:</b>                                                         | Based on available data, the classification criteria are not met |

## Section 12: ECOLOGICAL INFORMATION

|      |                                            |                                                                                                                                                         |
|------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12.1 | <b>Toxicity:</b>                           |                                                                                                                                                         |
|      | <b>Aquatic toxicity:</b>                   | Regarded as having low toxicity to aquatic organisms                                                                                                    |
| 12.2 | <b>Persistence and degradability:</b>      | Readily biodegradable                                                                                                                                   |
| 12.3 | <b>Bioaccumulative potential:</b>          | Low bioaccumulation potential                                                                                                                           |
| 12.4 | <b>Mobility in soil:</b>                   | Water soluble, will partition to aqueous phase. Lost within short period through evaporation and dissolution. Poorly absorbed into soils and sediments. |
| 12.5 | <b>Results of PBT and vPvB assessment:</b> |                                                                                                                                                         |
|      | <b>PBT:</b>                                | Not applicable                                                                                                                                          |
|      | <b>vPvB:</b>                               | Not applicable                                                                                                                                          |
| 12.6 | <b>Other adverse effects:</b>              | No further relevant information available                                                                                                               |

## Section 13: DISPOSAL CONSIDERATIONS

|      |                                     |                                                                                     |
|------|-------------------------------------|-------------------------------------------------------------------------------------|
| 13.1 | <b>Waste Treatment Methods:</b>     | Dispose of unused product, spilled substance and waste in normal disposal container |
| 13.2 | <b>Uncleaned packaging:</b>         |                                                                                     |
|      | <b>Recommendation:</b>              | Disposal must be made according to official regulations                             |
|      | <b>Recommended cleansing agent:</b> | Water, if necessary, with cleansing agents                                          |

## Section 14: TRANSPORT INFORMATION

|      |                                                                            |                                    |                |
|------|----------------------------------------------------------------------------|------------------------------------|----------------|
| 14.1 | <b>UN-Number:</b>                                                          | <b>ADR, ADN, IMDG, IATA:</b>       | Not Regulated  |
| 14.2 | <b>UN proper shipping name:</b>                                            | <b>ADR, ADN, IMDG, IATA:</b>       | Not Regulated  |
| 14.3 | <b>Transport hazard class(es):</b>                                         | <b>ADR, ADN, IMDG, IATA Class:</b> | Not Regulated  |
| 14.4 | <b>Packing group:</b>                                                      | <b>ADR, ADN, IMDG, IATA:</b>       | Not Regulated  |
| 14.5 | <b>Environmental hazards:</b>                                              | <b>Marine pollutant:</b>           | No             |
| 14.6 | <b>Special precautions for user:</b>                                       |                                    | Not applicable |
| 14.7 | <b>Transport in bulk according to Annex II of Marpol and the IBC Code:</b> |                                    | Not applicable |

## Section 15: REGULATORY INFORMATION

|      |                                                                                                        |                                                                                                               |
|------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 15.1 | <b>Safety, health and environmental regulations/legislation specific for the substance or mixture:</b> |                                                                                                               |
|      | <b>Directive 2012/18/EU:</b>                                                                           |                                                                                                               |
|      | <b>Named dangerous substances – ANNEX I:</b>                                                           | None of the ingredients are listed                                                                            |
|      | <b>National regulations:</b>                                                                           |                                                                                                               |
|      | <b>Water hazard class:</b>                                                                             | Water hazard class 1 (self-assessment): slightly hazardous for water.                                         |
| 15.2 | <b>Chemical safety assessment:</b>                                                                     | A Chemical Safety Assessment has not been carried out                                                         |
|      | <b>California Proposition 65:</b>                                                                      | This product does not contain any substances listed on California's listing of known or potential carcinogens |
|      | <b>Chemical Safety Assessment:</b>                                                                     | Observe general laboratory safety regulations when handling chemicals                                         |



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## Section 16: OTHER INFORMATION

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SDS Prepared by: MMQCI  
Preparation Date: **October 2025**

Disclaimer: The information contained in this SDS is provided only for use as a guide. The SDS was carefully prepared based on references and tests believed to be reliable; however, MMQCI makes no guarantee of the accuracy and completeness of the data. Any use of the data must be in accordance with applicable federal, state and local regulations.

### **Abbreviations and acronyms:**

ADN: *Accord européen relatif au transport international des marchandises Dangereuses par voies de Navigation intérieures (ADN) (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)*

ADR: *Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

CAS: *Chemical Abstracts Service (division of the American Chemical Society)*

EINECS: *European Inventory of Existing Commercial Chemical Substances*

ELINCS: *European List of Notified Chemical Substances*

GHS: *Globally Harmonised System of Classification and Labelling of Chemicals*

IATA: *International Air Transport Association*

IMDG: *International Maritime Code for Dangerous Goods*

PBT: *Persistent, Bioaccumulative and Toxic*

STOT: *Specific Target Organ Toxicity*

vPvB: *very Persistent and very Bioaccumulative*