

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

English

Page 1 of 4

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

1.1 Product Identifier

Tradename: Birlinn® CoV2-Flu-RSV Control Panel M509
Article number: M509, M509-R

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 The Birlinn® CoV2-Flu-RSV Control Panel M509 is intended for use as an external quality control to monitor the performance of *in vitro* laboratory nucleic acid testing procedures that target gene segments for the qualitative detection of Influenza A, Influenza B, Respiratory Syncytial Virus A/B and SARS-CoV-2.

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 www.mmqci.com	Manufacturer Phone Number 207-885-1072	Manufacturer Fax Number 207-885-1079
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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:
 Classification according to Regulation (EC) No 1272/2008: Not applicable
 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: Mixtures

Chemical Name	EC-No.	Index-No	CAS-No.	%	Classification	Labeling
					Symbol	R-Phrases
Ethyl Alcohol	200-578-6	603-002-00-5	64-17-5	10	None	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: Dry powder, Dry sand
 Unsuitable extinguishing media: Do NOT use water jet

5.2 Special hazards arising from the substance or mixture: Carbon oxides

5.3 Advice for firefighters: Wear self-contained breathing apparatus for firefighting, if necessary

5.4 Further information: Use water spray to cool unopened containers

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

English

Page 2 of 4

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 2°C to 8°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:** This product is not expected to require special ventilation controls. Facilities storing or using this product should be equipped with an eyewash station.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection:	None required	Eye Protection:	Safety glasses
Skin Protection:	Lab coat, gloves	Work/Hygiene Practices:	Standard laboratory precautions
Ventilation:	Normal	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:	86°C (186.8°F) (10% ethanol)
Flash point:	44°C (111°F) – closed cup (10% ethanol)
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

SAFETY DATA SHEET

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English

Page 3 of 4

Section 11: TOXICOLOGICAL INFORMATION

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

Section 12: ECOLOGICAL INFORMATION

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

Section 13: DISPOSAL CONSIDERATIONS

13.1	Waste Treatment Methods:	Dispose of unused product, spilled substance and waste in normal disposal container
13.2	Uncleaned packaging: Recommendation:	Disposal must be made according to official regulations

Recommended cleansing agent: Water, if necessary, with cleansing agents

Section 14: TRANSPORT INFORMATION

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

Section 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture: Directive 2012/18/EU: Named dangerous substances – ANNEX I:	None of the ingredients are listed
	National regulations: Water hazard class:	Water hazard class 1 (self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out

Chemical Name	EC-No.	Index-No	CAS-No.	%	Classification	Labeling
					Symbol	R-Phrases
Ethyl Alcohol	200-578-6	603-002-00-5	64-17-5	10	None	None

California Proposition 65: This product does not contain any substances listed on California's listing of known or potential carcinogens
Chemical Safety Assessment: Observe general laboratory safety regulations when handling chemicals

SAFETY DATA SHEET

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English

Page 4 of 4

Section 16: OTHER INFORMATION

SDS Prepared by: MMQCI
Preparation Date: January 2026
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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:	<i>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)</i>
ADR:	<i>Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</i>
CAS:	<i>Chemical Abstracts Service (division of the American Chemical Society)</i>
EINECS:	<i>European Inventory of Existing Commercial Chemical Substances</i>
ELINCS:	<i>European List of Notified Chemical Substances</i>
GHS:	<i>Globally Harmonised System of Classification and Labelling of Chemicals</i>
IATA:	<i>International Air Transport Association</i>
IMDG:	<i>International Maritime Code for Dangerous Goods</i>
PBT:	<i>Persistent, Bioaccumulative and Toxic</i>
STOT:	<i>Specific Target Organ Toxicity</i>
vPvB:	<i>very Persistent and very Bioaccumulative</i>