

# Safety Data Sheet

## BiocClime96+™ 96 Well Microplate

Version 1.0  
Revision Date: 22 September 2022

### SECTION 1: Identification Of The Substance/Mixture And Of The Company/Undertaking

#### 1.1 Product Identifiers

Product name: BiocClime96+™ 96 Well Microplate  
Product catalogue number(s):  
Brand: Vale Life Sciences

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

Microplates. Research use only.

#### 1.3 Details of the supplier of the safety data sheet

Company: Vale Life Sciences Pty Ltd  
Unit 3053, Level 3, Translational Research Institute, 37 Kent Street,  
Woolloongabba, Brisbane, QLD 4102,  
AUSTRALIA.

Telephone: +61 (0)410 867205  
Email: enquiries@valelifesciences.com

#### 1.4 Emergency telephone number

+61 (0)410 867205

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

#### 2.2 Label elements

Not a hazardous substance or mixture.

#### 2.3 Other hazards

Not applicable.

### SECTION 3: Composition/Information on Ingredients

#### 3.1 Product composition

Polystyrene microplate with poly saccharide hydrogel containing dissolved salts and dark pigment.

#### 3.2 Hazardous Components

None

No ingredients are hazardous according to OSHA criteria. No components need to be disclosed according to the applicable regulations.

#### SECTION 4: First Aid Measures

##### 4.1 Description of first aid measures

###### If inhaled

Remove to fresh air. If breathing becomes difficult, give artificial respiration and contact a physician.

###### In case of skin contact

Wash the affected area with soap and plenty of water. Should irritation occur, contact a physician.

###### In case of eye contact

Flush thoroughly with water. Should irritation occur, contact a physician.

###### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

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

No data available.

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

No data available.

#### SECTION 5: Firefighting Measures

##### 5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

##### 5.2 Special hazards arising from the substance or mixture

No data available.

##### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

##### 5.4 Further information

No data available

#### SECTION 6: Accidental Release Measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

##### 6.2 Environmental precautions

Not applicable.

##### 6.3 Methods and materials for containment and cleaning up

Wipe with absorbent tissue. Spray surface immediately after with 80% ethanol.

##### 6.4 Reference to other sections

For disposal see section 13.

#### SECTION 7: Handling And Storage

**7.1 Precautions for safe handling**

Utilise good laboratory procedures. Use in a well-ventilated area

**7.2 Conditions for safe storage, including any incompatibilities**

Store at 20 - 25°C when not in use. **Do not freeze.**

**7.3 Specific end use(s)**

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**

Components with workplace control parameters.

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

Appropriate engineering controls.

General industrial hygiene practice.

**Personal protective equipment**

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as EN 166 (EU) or NIOSH (US) and AS/NZS 1336.

**Skin protection**

Handle with chemical-resistant 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 and dry hands.

**Body Protection**

A PC2 grade laboratory coat should be worn at all times.

**Respiratory protection**

Respiratory protection is not required.

**Control of environmental exposure**

Not applicable.

## SECTION 9: Physical And Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance	Clear / and dark pigmented gel
Odour	No data available
Odour threshold	No data available
pH	7-9
Melting/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	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour 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
Oxidising properties	No data available

### 9.2 Other safety information

No data available

## SECTION 10: Stability And Reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

**10.4 Conditions to avoid**

Temperatures below 2°C.

**10.5 Incompatible materials**

No data available.

**10.6 Hazardous decomposition products**

No data available.

**SECTION 11: Toxicological Information**

**11.1 Information on toxicological effects**

**Acute toxicity**

No data available.

**Skin corrosion/irritation**

No data available.

**Serious eye damage/eye irritation**

No data available.

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available.

**Specific target organ toxicity - single exposure**

No data available.

**Specific target organ toxicity - repeated exposure**

No data available.

**Aspiration hazard**

No data available.

**Additional Information**

Complete toxicological properties have yet to be determined.

**SECTION 13: Disposal Considerations**

**Product**

Follow all official regulations for chemical waste disposal.

**Contaminated packaging**

Dispose of as unused product.

**SECTION 14: Transport Information**

**14.1 UN number**

Not relevant

**14.2 UN proper shipping name**

Not relevant

**14.3 Transport hazard class(es)**

Not relevant

**14.4 Packaging group**

Not relevant

**14.5 Environmental hazards**

Not relevant

**14.6 Special precautions for user**

No data available

**SECTION 15: Regulatory Information**

This safety datasheet complies with the requirements of Safe Work Australia - Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice December 2011.

The material is not subject to any safety, health or environmental regulations.

**SECTION 16: Other Information**

Version 1.1 Date: 22.09.2022

Source Material: Safe Work Australia – Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice December 2011.

**Further information**

The above information is believed to be correct. It does not purport to be all inclusive and shall only be used as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Vale Life Sciences Pty Ltd shall not be held liable for any damage resulting from handling or from contact with the above product. We reserve the right to periodically revise the SDS as new information becomes available.